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HOROSCOPES OF 100 GREAT HORSES

CONTAINING RULES FOR DETERMINING

THE SPEED, GAIT AND SEX



BY
DAVID HOLLINS

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II

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ОБРАЗОВАНИЕ ДЛЯ ВЪЗРОДИТЕЛЬСТВА

НЕДАЧА ТАКОУ ДЛЯ ВЪЗРОДИТЕЛЬСТВА

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Preface

“Full many a gem of purest ray serene
The dark unfathomed caves of ocean bear,
Full many a flower is born to blush unseen
And waste its fragrance on the desert air.”

When a boy in school astronomy was the most attractive of my school studies, and was the easiest to learn and remained in memory longest. It was in November 1900 that an occult idea first entered my mind, and to this good day they have been coming thick and fast, like shot and shell in battle. That idea was impressed on my mind with an incident in my life that will stand out most prominently as long as life endures. When a man is convinced against his will, he does not hold the old opinion still. There's a reason, which the planetary chart of the author, published herein, will reveal to anyone versed in occult lore.

While this volume is entitled “Horoscopes of 100 Great Horses”, yet the name “Planetary Charts of 100 Great Horses” would come nearer expressing the correct idea of the contents, as no direct effort is undertaken to explain the celestial correspondence coming through each degree of the zodiac and the fixed stars. A horoscope must include the meanings of the degrees of the zodiac as they appear upon the cusps of the different mundane divisions, and likewise the fixed stars have meanings all their own and must necessarily be considered in the judgment of a horoscope, in addition to the planetary positions, aspects, etc. This volume does not intend to enter the deeper realms of celestial influences, but only the planetary influences as applied to horses, and then only insofar as the questions of speed

of the standard bred horse, gait, sex and foaling time are concerned.

The rules given herein for determining the speed, gait, sex and foaling time are unfailing, and may be applied by anyone good in making mathematical calculations. Those who are not mentally capable of making the calculations and applying the rules, and are of a doubting turn of mind, should remember that the earth is just entering the Aquarian age and all things natural will be revealed to or discovered by man. Because a thing is not known today is no reason that it will not be known tomorrow. Because the reader may not know a certain thing today is no reason that a thousand other persons do not know it. No one could possibly keep informed of all the discoveries that are being made every day.

The writer may overestimate the value of the discoveries published herein, but the practical application of the Rules to the matter of selecting speed prospects alone should save horsemen millions of dollars every year. Why shuld such a race horse as Pat Ford go ten years before given an opportunity in life, and yet hundreds and hundreds of colts and horses have hundreds and hundreds of dollars spent on each one year after year when a large per cent of such can never trot or pace faster than one can roll a barrel of salt. The Rules herein applied to the chart will reveal the inherent speed at foaling time, and if the chart shows speed then money can profitably be spent on training it, but if the chart does not show speed it is better to find that fact out when the colt comes, rather than four or five years later after several hundred dollars have been spent on it trying to accomplish the impossible. A correct application of the Rules will determine the gait the colt will go in, and will determine within five seconds its inherent speed. If correct data of the exact foaling time is furnished the writer does not hesitate to say that he can tell from the

chart the gait the horse will go in, and that he can tell within five seconds how fast the horse can go. If the Rules are correctly applied to a correct chart they will be more valuable in determining the speed and gait than the personal judgments and opinions of all the horsemen and trainers and pedigree experts in the world.

The greatest trouble the writer has had to contend with in his investigation has been caused by a lack of information about the foaling time. He procured the foaling dates of many great horses, but so few persons had any record or personal knowledge as to the hour and minute of the foaling. The writer is under obligations to Mr. William Russell Allen, proprietor of the Allen Farm, Pittsfield, Mass., and President of the A. T. R., for the correct foaling hour of over one hundred horses and colts. He is also under obligations to several hundred other horsemen who have furnished him correct data, but in less quantities. Many have written brief histories of horses, such as that published of John R. Gentry and Pat Ford. Such data has been valuable to the author, and he will appreciate the foaling time and short histories of all horses of merit, and when the correct hour is furnished he will set up the chart and return it to those furnishing such data, during the year 1915, when a stamped envelope is sent for its return.

The author hopes there will be many who will study and investigate these rules. He hopes to have a large number of breeders co-operating with him in carrying on some experiments, mention of which is made herein. Those who will co-operate with him should fill out the blank on the page for that purpose and return it to him. The author will set up all the charts of colts during 1915 of those who return that page, as a remuneration for the co-operation given him.

The author has no theory about the FACTS contained herein. He has no reason to offer why a colt foaled when Mercury is in opposition to

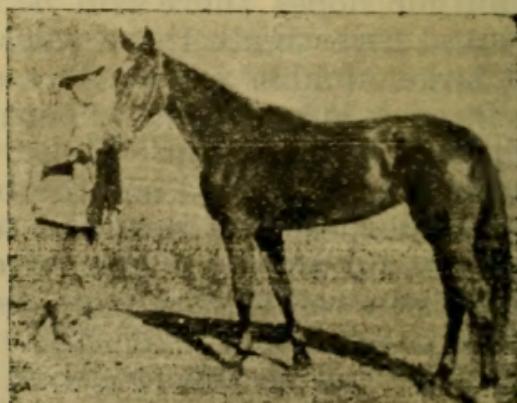
Uranus will pace, or why the Moon in conjunction with Jupiter will give a 2:05 speed. Possibly the Supreme Ruler of the universe has adopted, or established, celestial laws through which He controls the lives and destinies of all creatures. True, this idea leads closely to the fatalistic theory, but the author is rather inclined to the belief that "character is destiny" and character is inherent in the individual and can be determined in mankind as easily as inherent speed can be determined in the Standardbred horse. But the author has no theory as to why the FACTS are what they are.

It were well to turn to page 101 and begin the reading of this booklet. A study of the charts and data accompanying them may follow later. Where the asterisk (*) follows the hour, it is placed there to indicate that the time is only approximate, and no data furnished as to its accuracy.

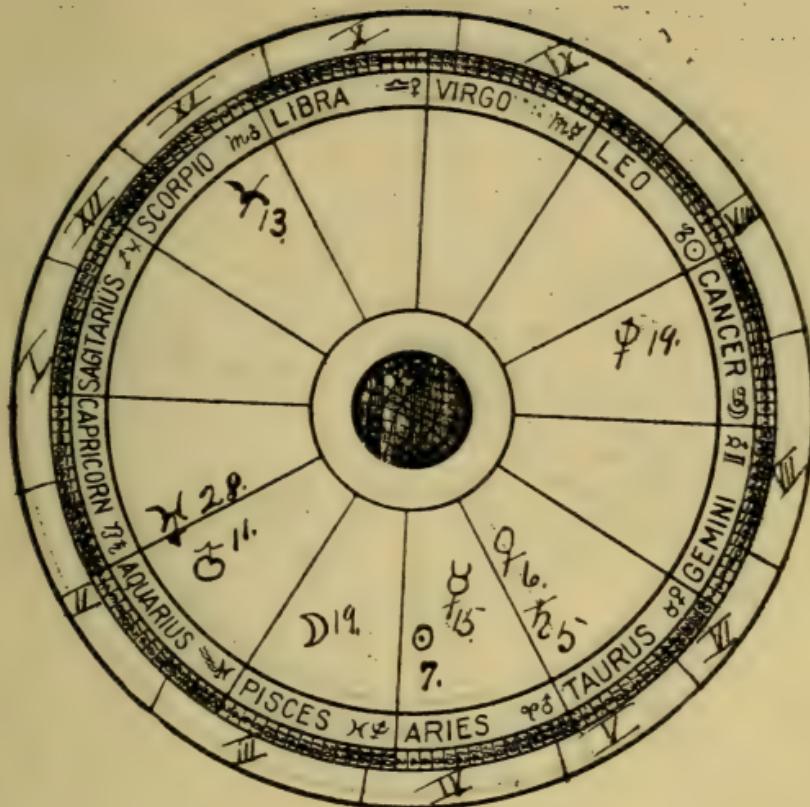
The author courts and invites a thorough investigation and application of the Rules herein with the hope that any inaccuracies may be soon eliminated, and undiscovered truths may be brought to light.

DAVID HOLLINS.

Warren, Arkansas, March 10, 1915.



ANNA BRADFORD p, (3) 2:00%



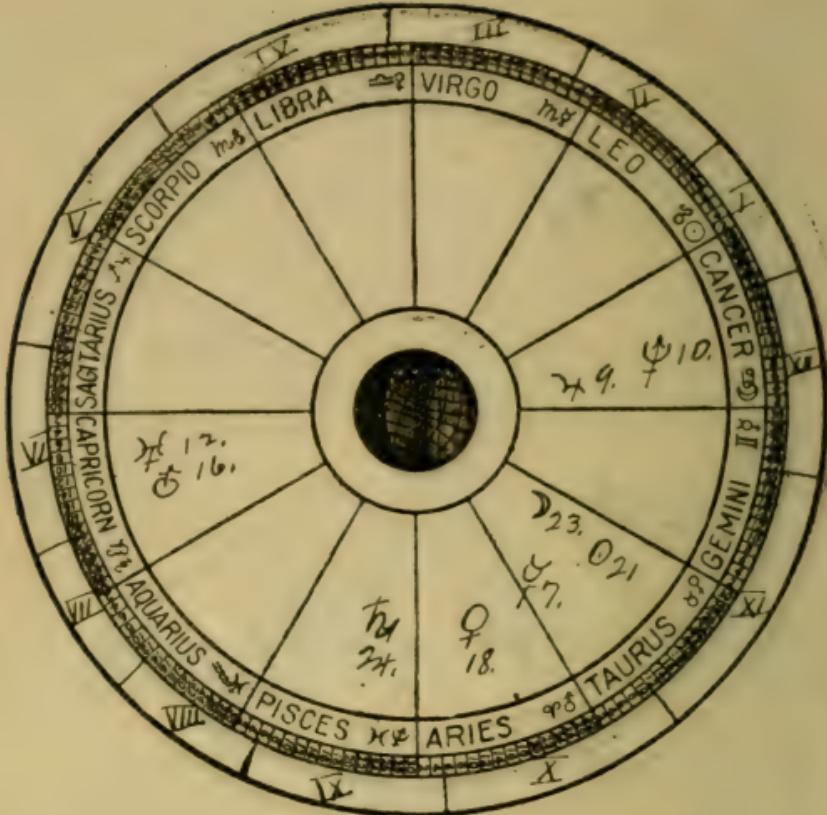
No. 1

PETER VOLO, br h (3) 2:03½; foaled 3/28/1911 / 11:25, p. m * Sire, Peter the Great, (4), 2:07½—Dam, Nervolo, p. 2:04½. Bred by Patchen Wilkes farm, Lexington, Ky. Record made at Lexington, Ky., Oct. 6, 1914, driven by T. W. Murphey. Two and three-year-old world's champion trotter, winning in 1913 and 1914 the sum of \$41,536.

Inherent speed influences: ♀ Δ ♀, ♀ * ♂, ♂ * ♀, ♂ ♀ h, ♂ ♀ ♀.

Accelerating speed influences: ♀ in III Δ ♀, ♂ * Asc. ♀ Δ Asc.

Predominating gait influences: ♀—ruler of Asc. Δ ♀—Trotting.



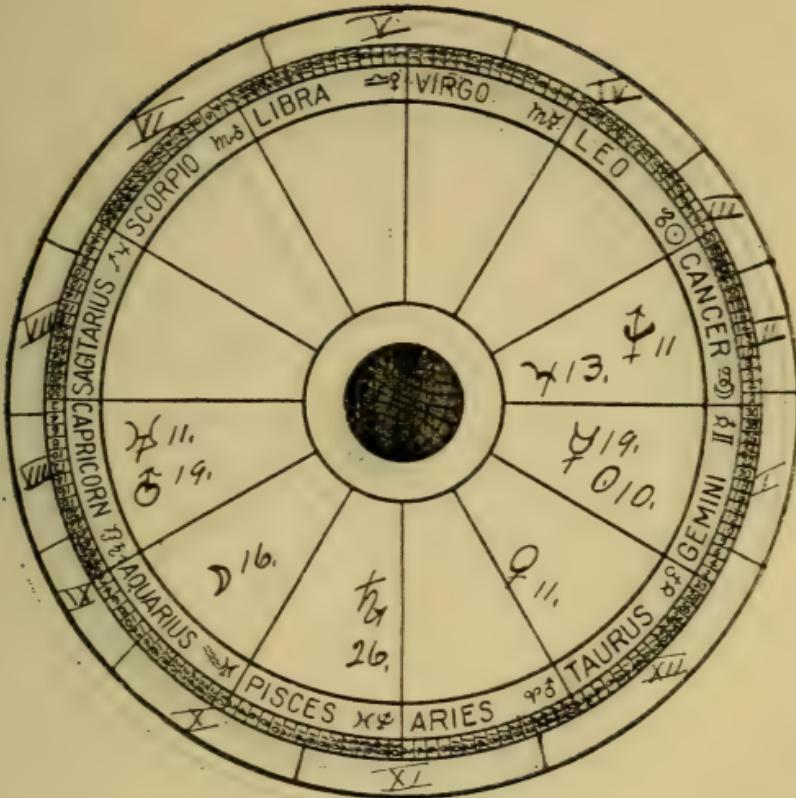
No. 2.

IRVING HEART b h 2:09 $\frac{1}{4}$, foaled 5 12 1907 / 9:00 a. m. Sire, Great Heart (p) 2:11 $\frac{1}{4}$ —Dam, Crawford Mare, by Piloteer 13959. Bred by Irving Crawford, Coldwater, Mich. Record made at Columbus, Ohio, Oct. 1, 1914, driven by Chas. L. DeRyder. When 4 months old, sold for \$100; sold as a three-year-old for a goodly sum; not informed as to his winnings. Compare this chart with the several foaled in 1907 and note the similarity.

Inherent speed influences: ♀ △ ♂: ♀ * ♀, △ ♂ & ♀: ♂ ♂ ♀ & ♀ ♀: ♀ ♀ ♀.

Accelerating speed influences: ♀ in X.

Predominating gait influences: ♀ Ruler of Asc. △ ♂ — *Trotting.*



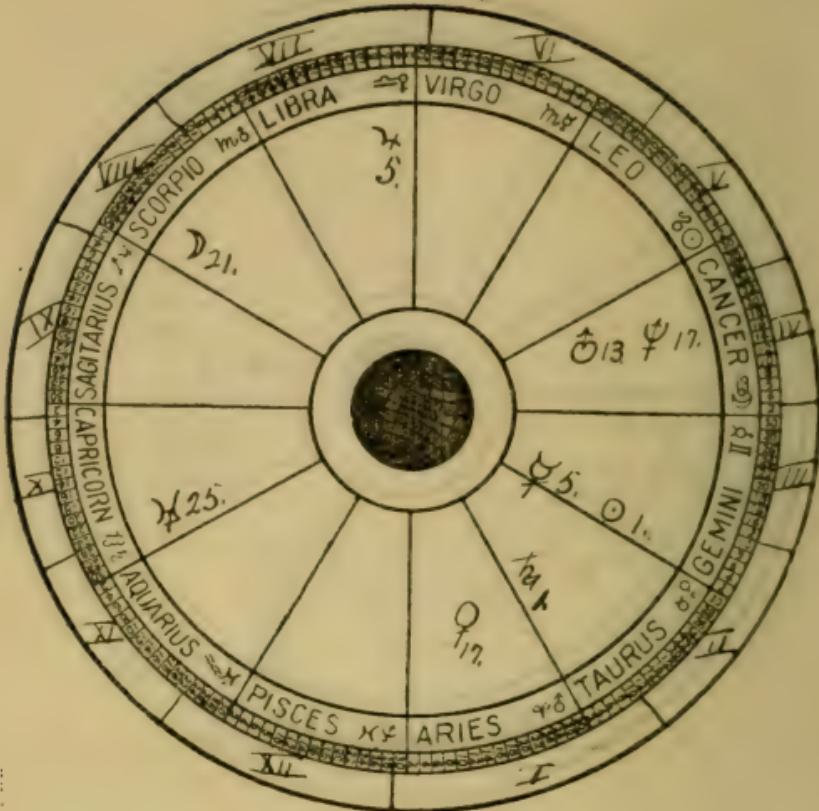
No. 3.

STAR WINTER b g 2:05, foaled 6/1/1907/4:30 a. m. Sire, Ed Winter (4) 2:12 $\frac{1}{4}$ —Dam, Elsie B. E. 2:29 $\frac{1}{4}$, by Conquest Star 2:23. Bred by M. Swack, Ridgewood, N. J. Record made at North Randall, Ohio, July 21, 1914, driven by Lon McDonald. Sold as a yearling for \$500, later sold for \$15,000; won about \$17,500 in 1913 and 1914.

Inherent speed influences: ♀ △ ♀, ♀ P ♂, ♀ & ♀ ♂ 8 ♀, ♂ 6 ♀, ♀ 8 ♀.

Accelerating speed influences: ♀ in X△ ⊙, ⊙ in I.

Predominating gait influences: ♀ Ruler of Asc. P ♀—Trotting.



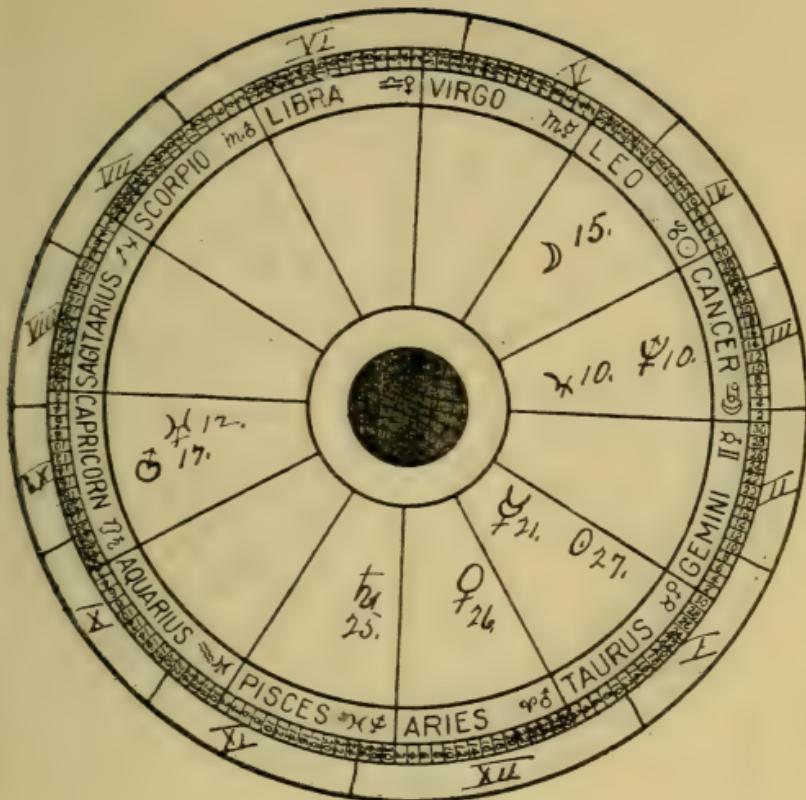
No. 4

SINGLE G b h (p) 2:07 $\frac{1}{4}$, foaled 5/23/1910/2:00 a. m. Sire, Anderson Wilkes 2:22 $\frac{1}{4}$ —Dam, Little Gyp, by Shoe Fly Gyp (p) 2:15 $\frac{3}{4}$. Bred by W. R. Barefoot, Cambridge City, Ind. Record made at Saginaw, Mich., July 17, 1914, driven by Fred Jamison. Sold as a two-year-old for \$275. Won \$7,830.

Inherent speed influences: ♀△♂, *♀, ♀△♀.

Accelerating speed influences: ♀ in I, □♂.

Predominating gait influences: ♀ Ruler of Asc., ♀—Pacing.



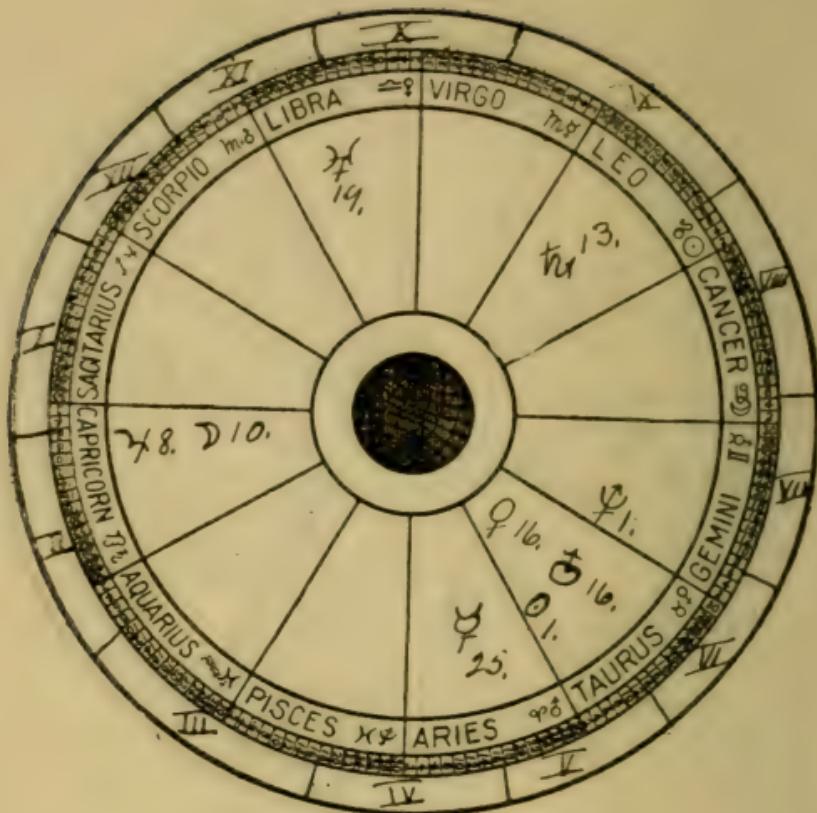
No. 5.

LULU LUMINE b m 2:09 $\frac{1}{2}$, foaled 5/19/1907/4:00 a. m. Sire, Orator 2:23—Dam, Lumine 2:17 $\frac{1}{2}$, by Stately (p) 2:11 $\frac{1}{4}$. Bred by W. H. Smollinger, Iron Mountain, Mo. Record made at Galesburg, Ill., Sept. 20, 1913, driven by Oscar D. Ames. Sold for a reported sum of \$10,000, won \$10,855. A comparison of her chart with a number of others that were foaled during the year 1907 will be of interest.

Inherent speed influences: ♃ □ ♀, ♀ △ ♂, ♂ ♂ ♀, ♀ ♀; ♀ ♀.

Accelerating speed influences: ⊖ & ♀ in I * h, △ ♂; ♀ & ♂ □ ♃ in IX; ♀ in III.

Predominating gait influences: ♀ * Asc.—Trotting



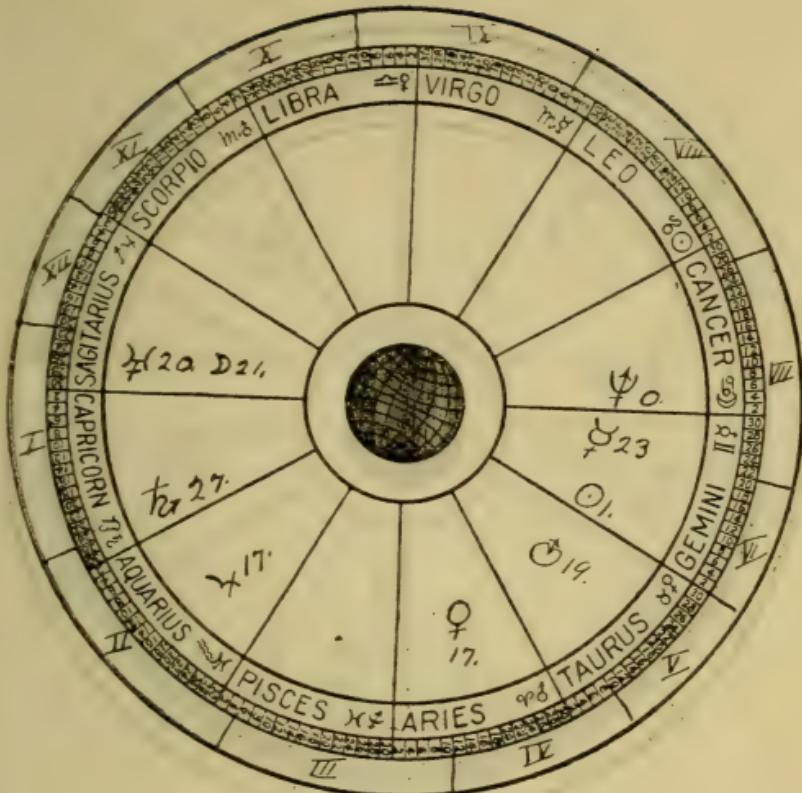
No. 6

JOHN R. GENTRY b h (p) 2:00 $\frac{1}{2}$, foaled 4/20/1889/9:00 p. m. Sire, Ashland Wilkes 2:17 $\frac{1}{4}$ —Dam, Dame Wood, by Wedgewood 2:19. Bred by H. G. Toler, Wichita, Kan. Record made at Portland, Me., Sept. 24, 1896, driven by W. J. Andrews. Sold as a weanling for \$500; sold when five for \$10,000; sold at public auction for \$19,900, and won about \$68,000 in purses and stakes.

Inherent speed influences: ♀ 6 ♀, ♀ △ ♂, ♀ 8 ♀, ♂ △ ♀, ♂ □ h.

Accelerating speed influences: ♀ on Asc., h in IX * ♀ & □ ♂.

Predominating gait influences: ♀ 8 ♀ — *Pacing.*



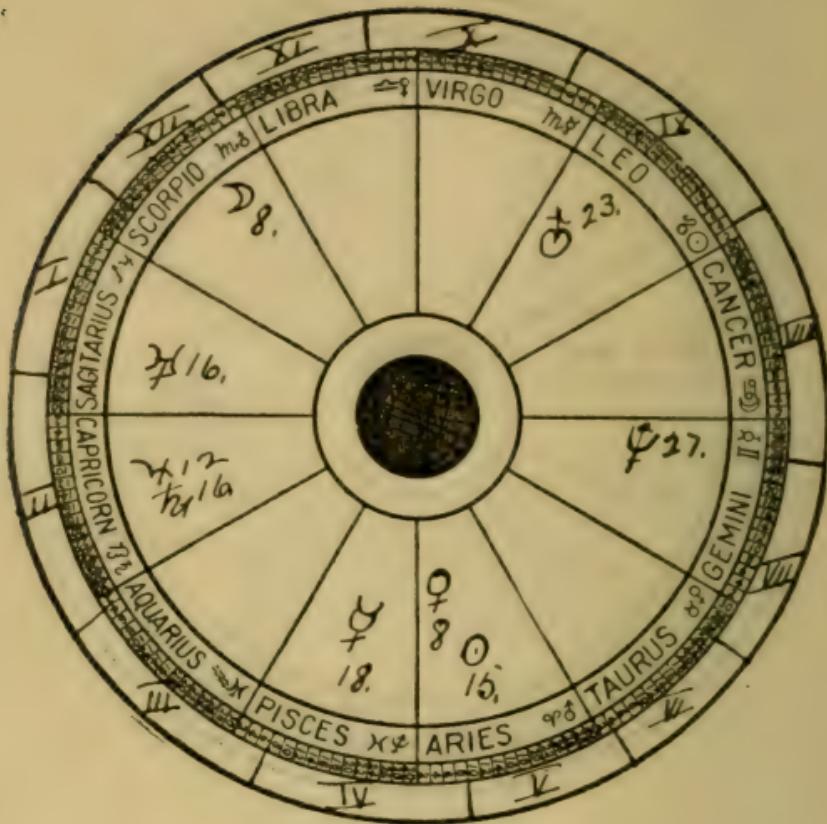
No. 7

MINOR HEIR, br h (p) 1:58 $\frac{1}{2}$, foaled 5/23/1902/8:40 p. m.* Sire, Heir-at Law (p) 2:05 $\frac{3}{4}$ —Dam Kittle Clover, by Redwald 2:23 $\frac{1}{2}$. Bred by J. B. Ewing, Roseville, Ill. Record made at Indianapolis, Ind., Sept. 14, 1910, driven by H. C. Hersey. Minor Heir was first sold for \$4,500; one year later sold for \$45,000; was a sensational performer in 1908, winning \$7,300.

Inherent speed influences: ♂ ♂ ♀, * ♀, ♀ ♀; ♀ ♀ ♀; △ ♀; ♂ □ ♀.

Accelerating speed influences: ♂ & ♀ on Asc.

Predominating gait influence: ♀ ♀ ♀, ♀ ruler of Asc. * ♀—pacing.



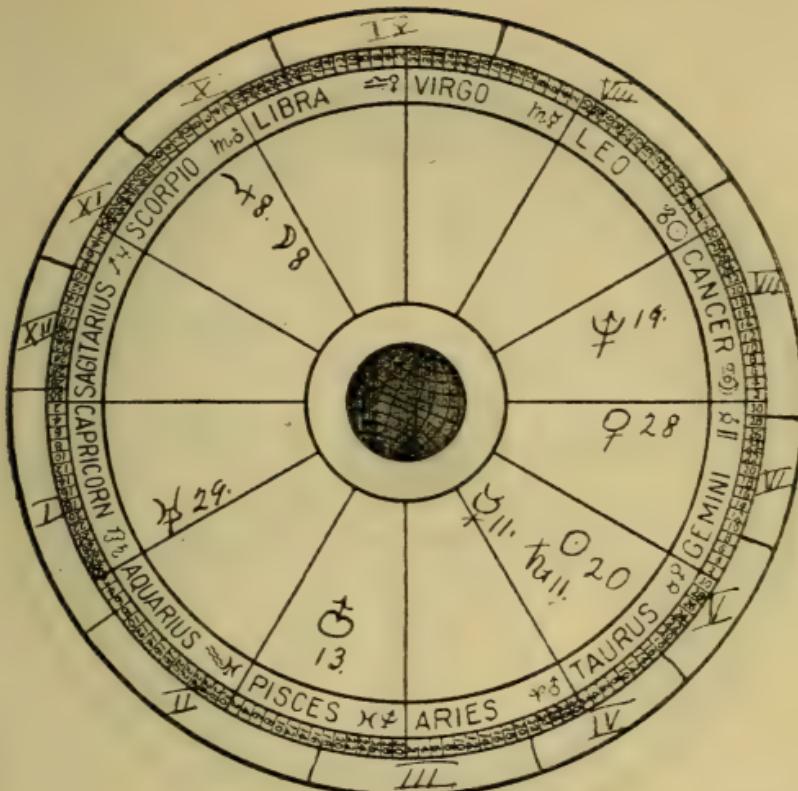
No. 8

AILEEN WILSON bl m (p) 2:02 $\frac{1}{2}$, foaled 4/5/1901/9:45 p. m. Sire, Arrowwood 10726—Dam, Ella C, by Redfield (p) 2:19 $\frac{1}{4}$. Bred by Clell Maple, Rushville, Ind. Record made at Columbus, Ohio, Sept 25, 1908, driven by D. Wilson. Sold for \$2500; sold again for \$6500. Was a big money winner—21,267.

Inherent speed influences: ♀△♀, *♀; ♀□♀; ♂△♀; ♀P♀.

Accelerating speed influences: ♀ in I in 1; ♂ in IX.

Predominating gait influence: ♂ Ruler of Asc. △♀—Pacing.



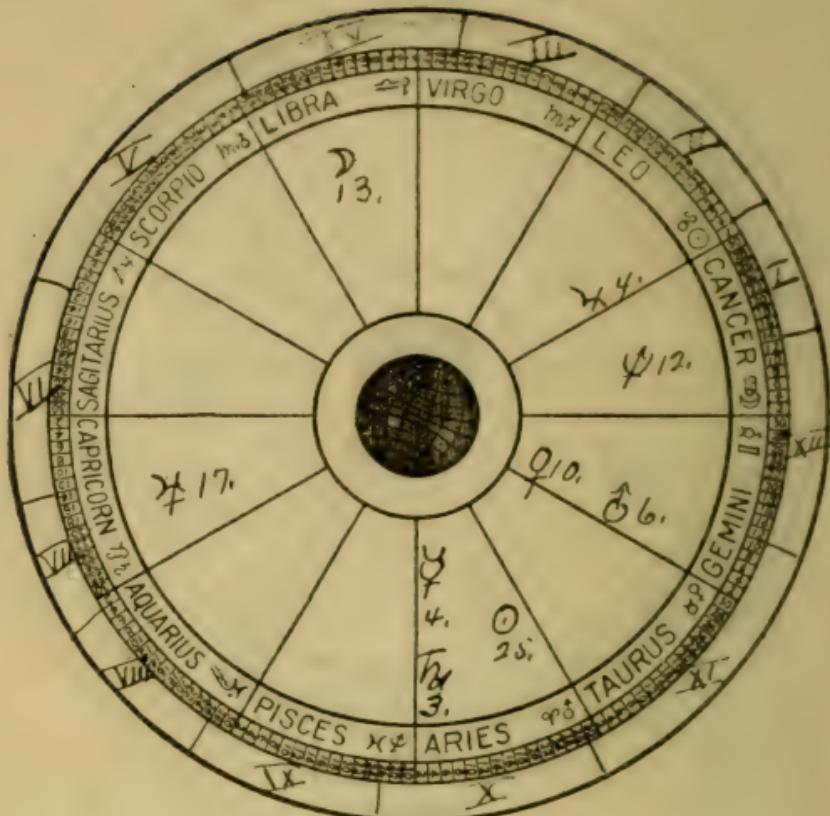
No. 9

AIRDALE b c 2:09, foaled 5/11/1911/10:00 p.m. Sire, Tregantle 2:09 $\frac{1}{4}$ —Dam, Miss Fanny Summers 2:26 $\frac{1}{4}$, by Bow Bells 2:19 $\frac{1}{4}$. Bred by J. L. Tarlton, Lexington, Ky. Record made at Grand Rapids, Mich., Aug. 5, 1914, driven by Lon McDonald. Airdale holds world's 1-year record of 2:15 $\frac{3}{4}$, and was sold to J. Howard Ford of New York City for a large price after making the record. Note similarity between his chart and that of Lady Watneka (2) 2:10, foaled on same day.

Inherent speed influences: ♃ 6 ♀, 8 ♀ & ♀, □ ♀, △ ♀; ♀ * ♀, 8 ♀, 6 ♀; ♀ △ ♀, * ♀,

Accelerating speed influences: ♃ & ♀ in X, ♀ in III.

Predominating gait influences: See comments and rules on the Gait.



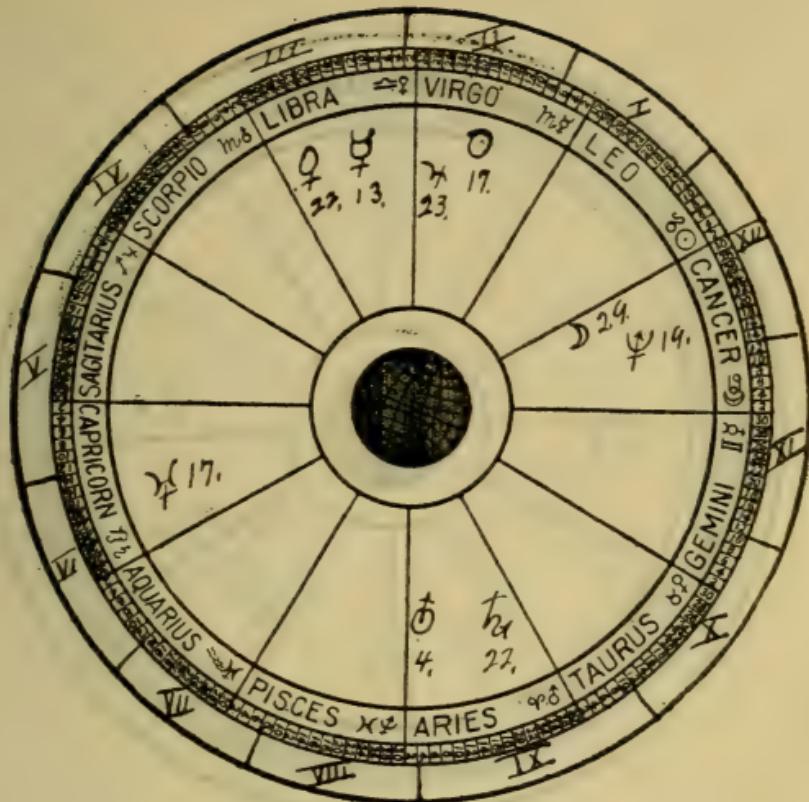
No. 10

JIMMY BRIGGS b g (p) 2:05 $\frac{1}{4}$, foaled 4/15 1908 10:00 a. m. Sire, Chambertin 2:14 $\frac{1}{4}$ —Dam, Nettie Prince, by Legal Prince, by Legal Tender, Jr., 3409. Bred by Walter Briggs, Charleston, Ill. Record made at Springfield, Ill., Sept. 22nd, 1914. driven by T. I. Sanders. Jimmy Briggs was sold for \$185. He won \$6,100. Jimmy Briggs and King Couchman were foaled at approximately the same time, having approximately the same chart, and consequently have the same inherent speed.

Inherent speed influences: ♀ ☐ ♀, * ♀, △ ♂, ♀ ♀; ♀ * ♂, △ ♀; ♂ * ♀.

Accelerating speed influences: ♀ & ♀ in X * ♂, △ ♀.

Predominating gait influences: ♀ ruler of Asc. ☐ ♀—Pacing.



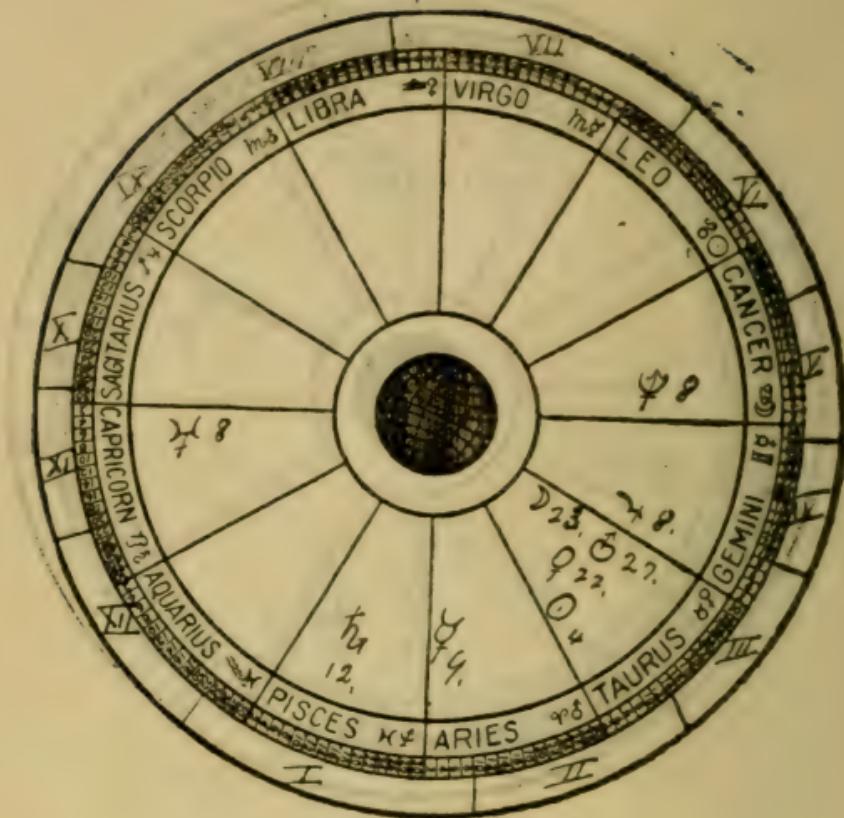
No. 11

JUDSON GIRL b m 2:07 $\frac{1}{4}$, foaled 9/10/1909/2:00 a. m. Sire, Peter the Great, 4, 2:07 $\frac{3}{4}$ —Dam, Anne Axworthy, by Axworthy (3) 2:15 $\frac{1}{2}$. Bred by R. L. Milwee, Marion, Ala. Record made at Columbus, Ohio, Oct. 1, 1914, driven by Walter R. Cox. Winnings amount to about \$27,000; am not advised as to sale price.

Inherent speed influences: ♀△♂, *♀; ♀□♀, P♀; ♀△♀.

Accelerating speed influences: ♂ & ♀ in IX.

Predominating gait influences: ♂ Ruler of Asc. ♂ ♀—Trotting.



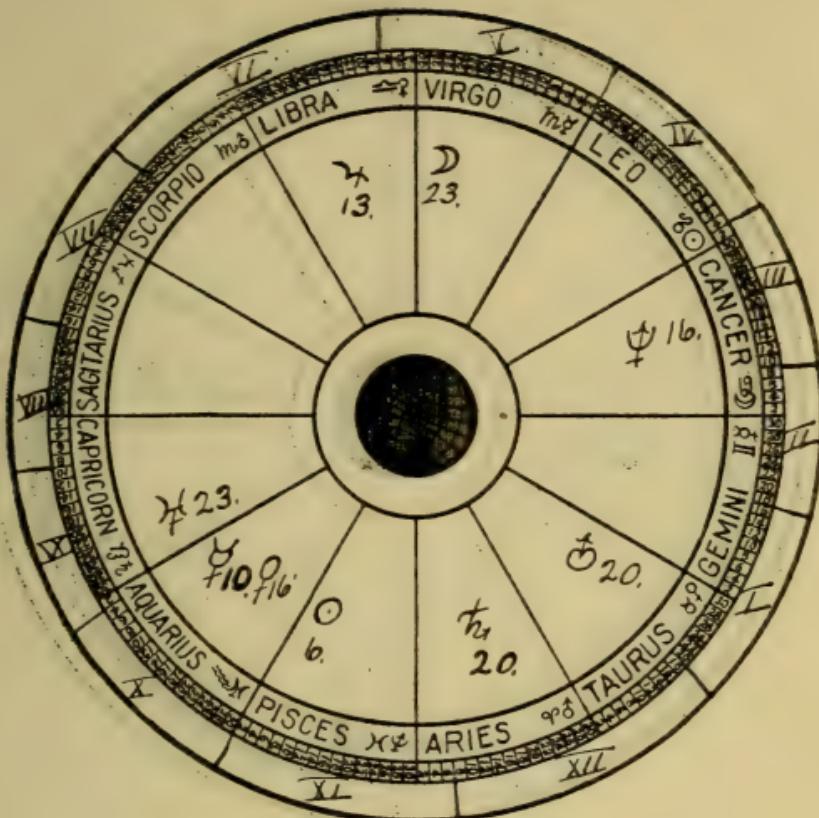
No. 12

BADEN br h 2:05 $\frac{1}{4}$, foaled 4/25/1906 2:15 a.m. Sire, Bingara 34707 - Dam, Kaldah, by Kremlin 2:07 $\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Record made at Columbus, Ohio, Oct. 2, 1912, driven by A. S. Rodney. Won \$40,085 in purses and stakes and sold into Russia for \$40,000.

Inherent speed influences: ☽ 6 8. ☽ * 2. ☐ 9.

Accelerating speed influences: ☽ & 8 in III ☐ Asc.

Predominating gait influences: ☽ * 2. ☽ 6 8
—Trotting.



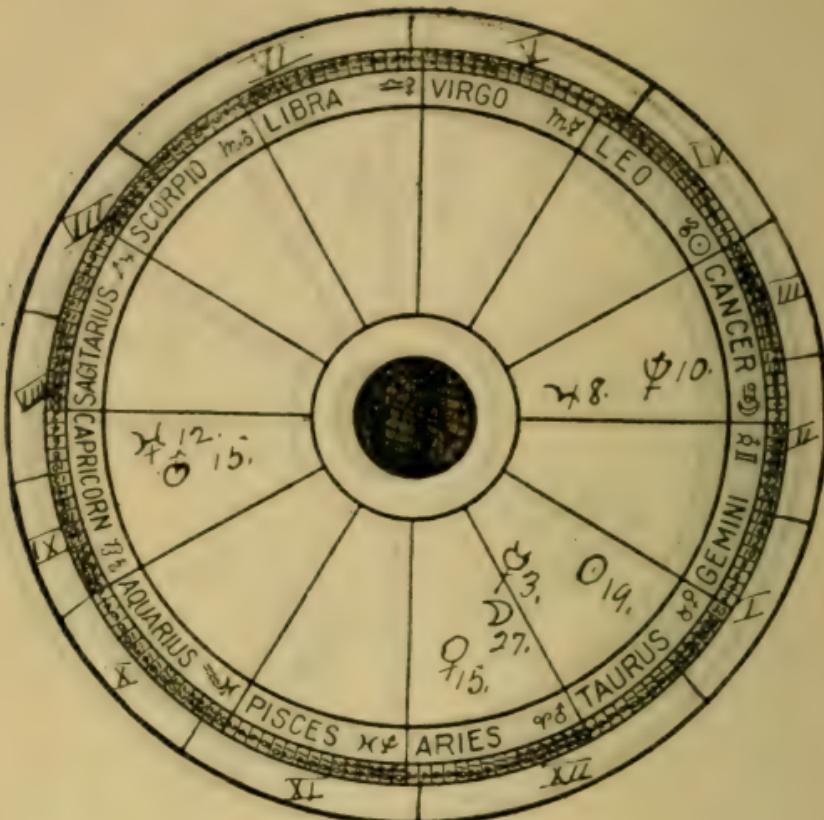
No. 13

ETAWAH b h (4) 2:03 $\frac{1}{4}$, foaled 2/25/1910/10:00
 a. m. Sire, Al Stanley 2:08 $\frac{1}{4}$ —Alicia Arion, by
 Arion (4) 2:07 $\frac{3}{4}$. Bred by Ben W. Whitehead,
 Murfreesboro, Tenn. Record made at Columbus,
 Ohio, Sept. 28, 1914, driven by E. F. Geers. Sold
 when three years old for \$5,000, and won in three
 seasons \$33,598, in purses and stakes.

Inherent speed influences: ☽△☽&☽, ☽△☽, ☽△☽.

Accelerating speed influences: ☽ on Asc. ☽ in
 IX, △☽ & ☽.

Predominating gait influences: ☽ ruler of Asc.
 △☽—Trotting.



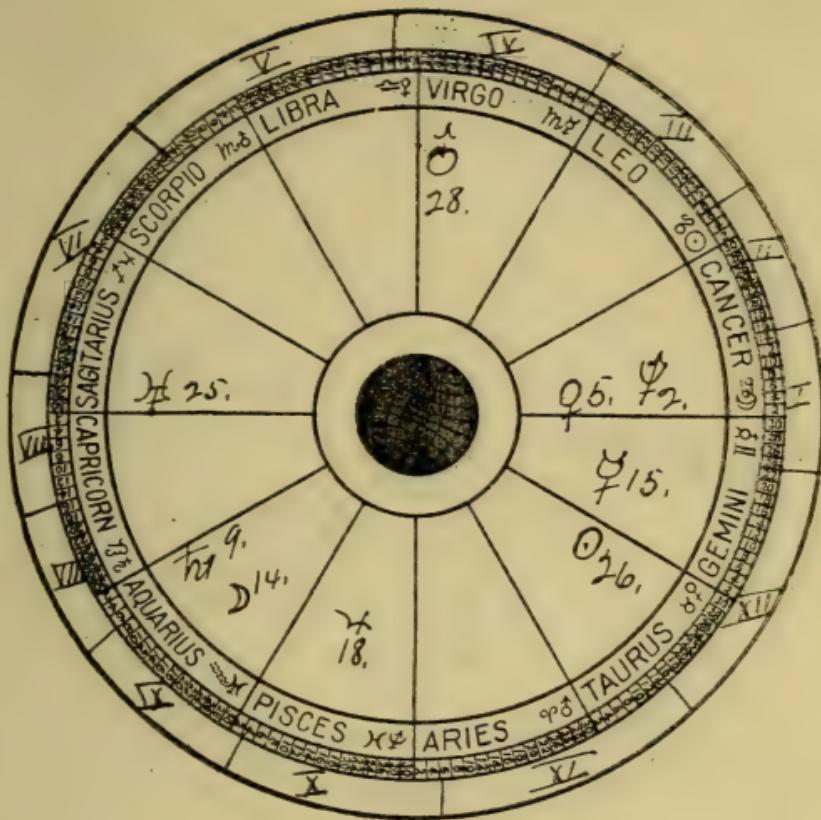
No. 14

MAJOR ONG b g (p) 2:03 $\frac{1}{2}$, foaled 5/10/1907/5:00 a. m. Sire, Major Gantz (p) 2:08 $\frac{1}{2}$ —Dam, Besie J, by Iowa Sentinel 2:29 $\frac{1}{4}$. Bred by C. P. Johnson, Wapello, Iowa. Record made at Columbus, Ohio, Oct. 2, 1914, driven by T. W. Murphey. Sold in 1914 for \$1500; not advised as to his total winnings.

Inherent speed influences: ♀ 6 ♀; ♀ * ♀. △ ♀,
♂ 6 ♀, ♀ 2; ♀ 8 ♀.

Accelerating speed influences: ♀ & ♀ in IX, ☽ in I △ ♂ & ♀, * ♀.

Predominating gait influences: ♀ Ruler of Asc.
□ ♀ — Pacing.



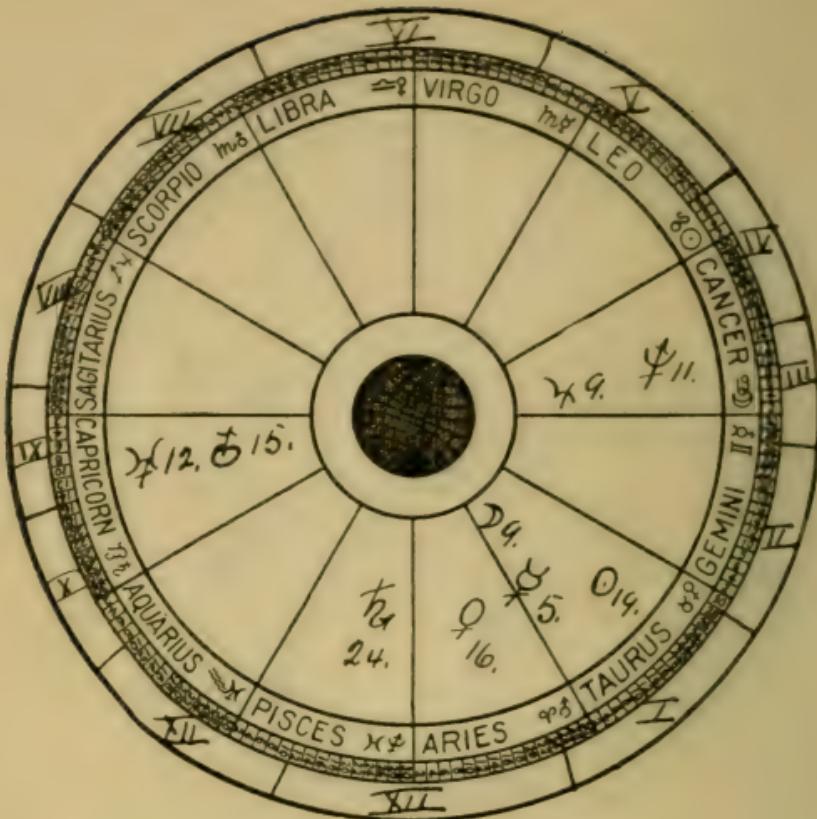
No. 15

ALLEN WINTER b h 2:06 $\frac{1}{2}$, foaled 5/18/1903/6:30 a. m. Sire, Ed Winter (4) 2:12 $\frac{3}{4}$ —Dam, Miss Que, by Que Allen 2:09 $\frac{3}{4}$. Bred by M. H. Reardon, Indianapolis, Ind. Record made at Cleveland, Ohio, Oct. 21, 1908, driven by Geo. H. Ketcham. Sold for export for \$50,000; won \$50,000 trotting derby, and other purses and stakes.

Inherent speed influences: ♀ △ ♀, ♀ * ☽, ♀ □ ♀, ♂ □ ☽, ♂ △ ☽, ♀ □ ☽.

Accelerating speed influences: ♀ in IX, ♀ in X, ♂ in IX △ ♀.

Predominating gait influences: ♀ Ruler of Asc. ☽ ♀—Trotting.



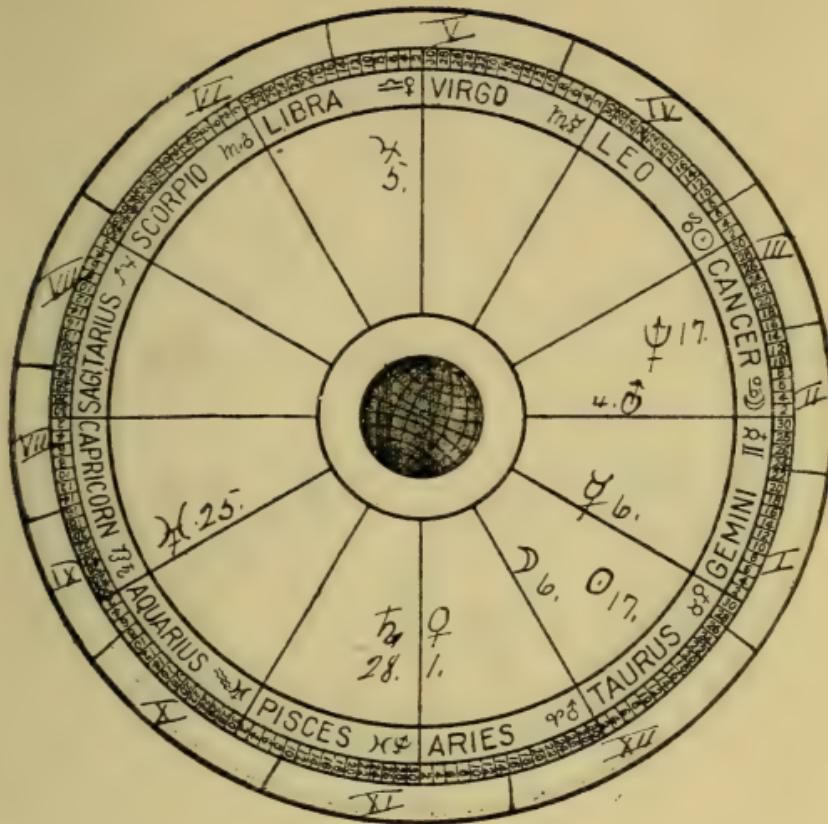
No. 16.

CLAY GENTRY b h (p) (3) 2:16 $\frac{1}{4}$, foaled 5/11/1907/4:00 a. m.* Sire, John R. Gentry (p) 2:00 $\frac{1}{2}$ —Dam, Two-Step, by Clay 4779, by Eiectioneer 125. Bred by J. P. Hanratta, Clarksville, Tenn. Record made at Nashville, Tenn., Sept., 1910, driven by J. P. Hanratta. Sold as a three year-old for \$500, not advised as to his winnings. Killed by strychnine poisoning February 19, 1914. See comments on charts.

Inherent speed influences: ♀ 6 ♀, * 2, △ 3; △ ♀, ♀ * 2, △ ♀; 3 8 2, 6 ♀, 2 8 ♀.

Accelerating speed influences: 3 & ♀ in X, 2 in III.

Predominating gait influences: 3 Ruler of Asc. 6 ♀—Pacing.



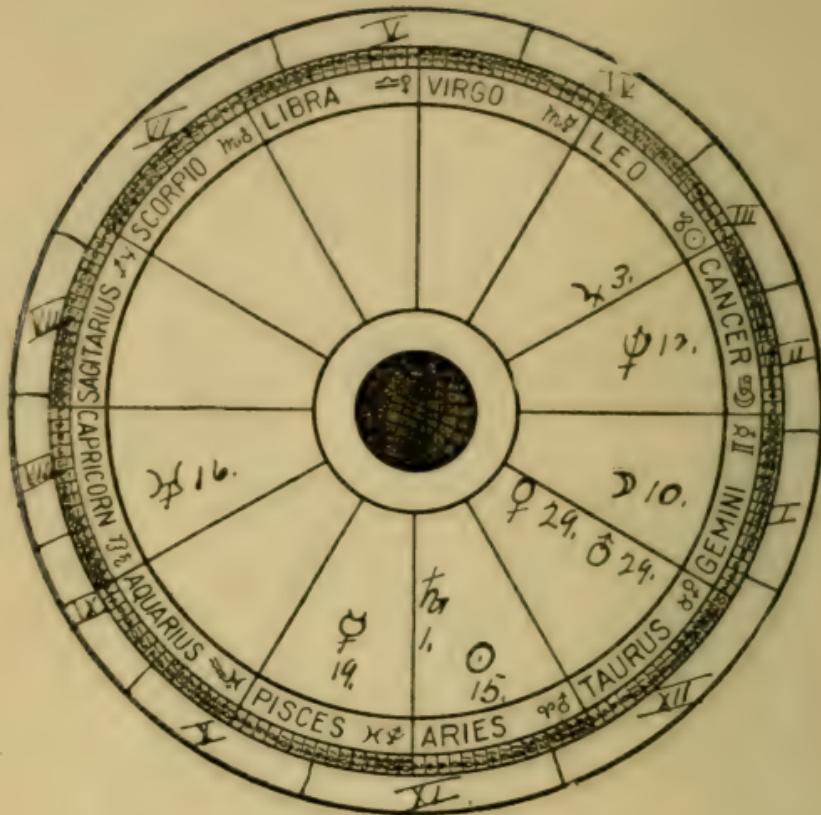
No. 17.

RUSSELL BOY b h (p) 2:05 $\frac{1}{2}$, foaled 5/8/1910 /6:00 a. m. Sire, Rustic Patenter, p, 2:11 $\frac{1}{4}$ —Dam, Maud F, by Vatican 2:18. Bred by Ellis Franks, Liberty, Ill. Record made at Springfield, Ill., Sept. 25, 1914, driven by A. W. McDaniel, Never sold. Won about \$2,500.

Inherent speed influences: ♀ * ♂; ♀ △ ♀; ♂ □ ♀.

Accelerating speed influences: ♀ in IX △ Asc.
♀ in I.

Predominating gait influence: ♀ Ruler of Asc
* ♀ —Pacing.



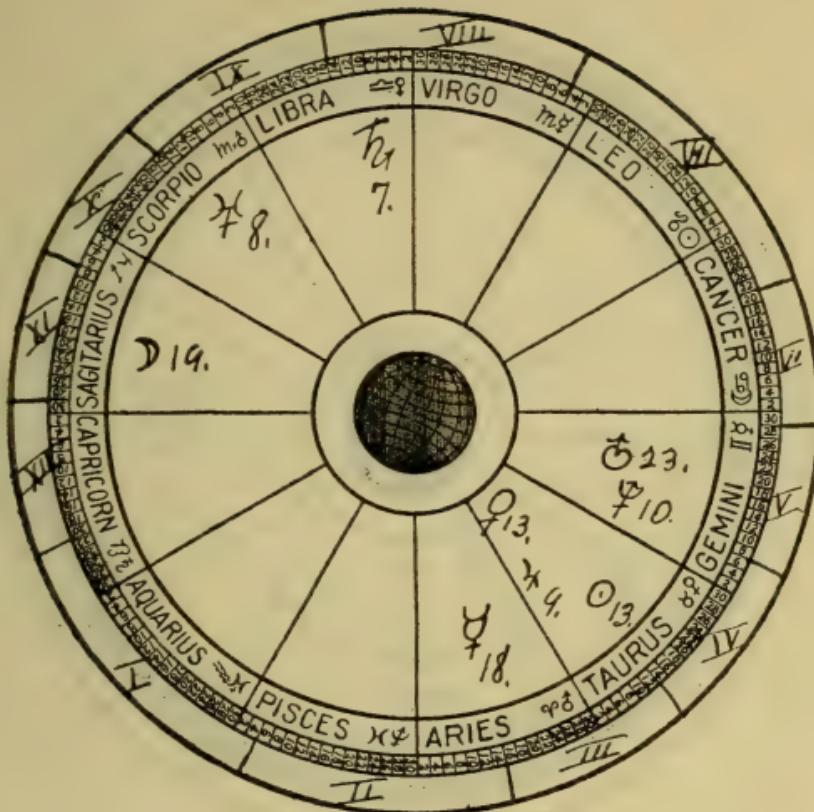
No. 18

WALTER COCHATO bl h (p) 2:02 $\frac{1}{2}$, foaled 4/5/1908/8:00 a. m. *. Sire, Cochato (3) 2:11 $\frac{1}{2}$ – Dam Kitty Burgess, by Patchen Wilkes 2:29 $\frac{1}{2}$. Bred by W. J. Lewis, Woodlake, Ky. Record made at Kalamazoo, Mich., Aug. 11, 1914, driven by T. W. Murphey. Sold as suckling colt for \$70, won \$13,307 in purses and stakes.

Inherent speed influences: ☽ * ♀, ☽ ☽ ♀, ♀ * ♀, ♂ * ♀, ♂ * h.

Accelerating speed influences: ☽ in I, ♀ in III
△ h, * ♀, ♀ in IX & ☽ ☽.

Predominating gait influences: . ♀ Ruler of Asc.
* ♀ – Pacing.



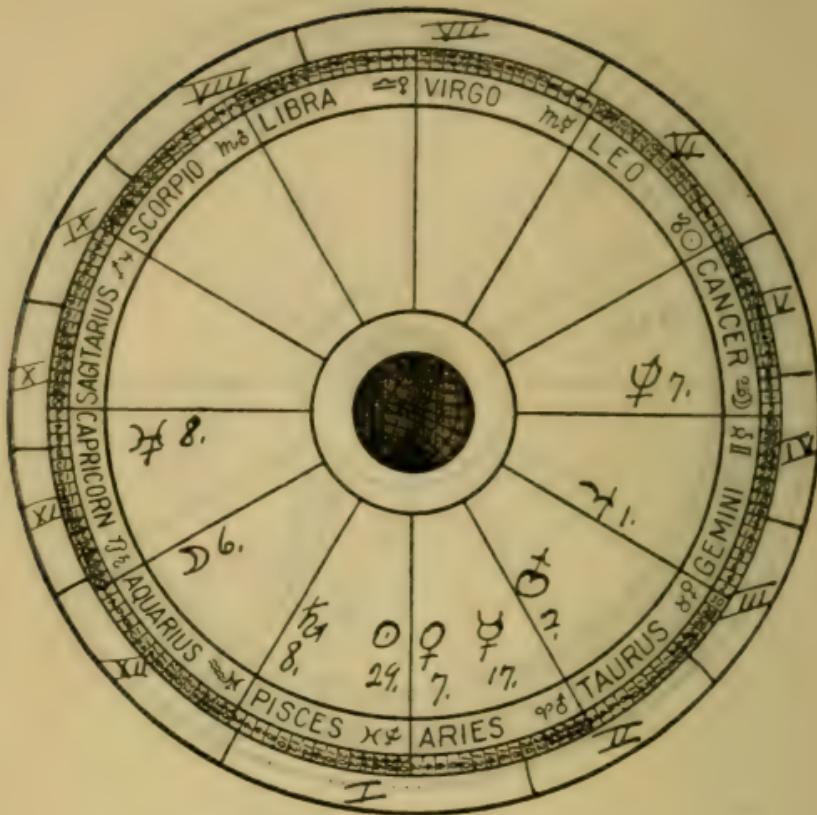
No. 19

PAT FORD ch g 2:10, foaled 5/3/1893/11:55 p. m. Sire, Blitzen 2:27 $\frac{1}{2}$ —Dam, Bay Leaf, by Princeps 536. Bred by Judge N. M. Hubbard of Cedar Rapids, Iowa. Record made at Galesburg, Ill., Aug. 30, 1905, driven by Chas. Kenyon. Became an outlaw, and was twice given away. Conquered and developed when ten; sold for \$3500; won about \$15,000 in stakes and purses. Won \$300 in 1914 when 21 years of age.

Inherent speed influences: ♀ Δ ♀, ♀ 8 ♂, ♀ * ♂, ♀ 8 ♀.

Accelerating speed influences: ♀ in III, ♀ in X, ♀ in I.

Predominating gait influences. ♀ in X only pacing influence; all others trotting.



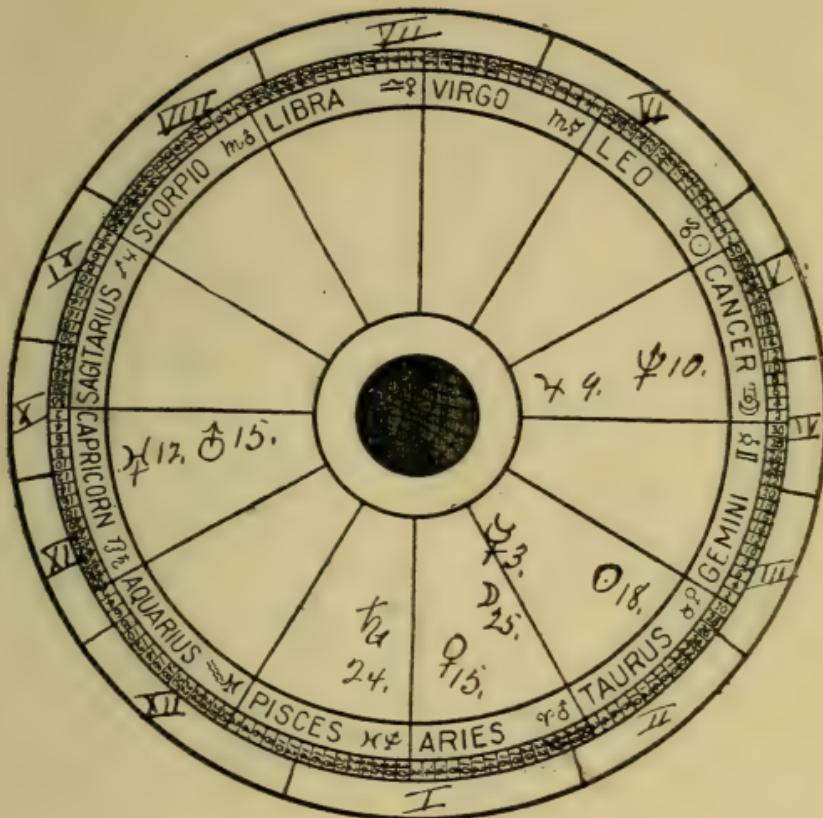
No. 20

POSSIBILITY ch h (p) 2:02 $\frac{1}{4}$, foaled 3/20/1906/5:00 a. m. Sire, Newton Boy, p. 2:10 $\frac{1}{4}$ —Dam Pocahontas, by Pocahontas Chief 18744. Bred by Frank Martin, Newton, Ind. Record made at Birmingham, Ala., Oct. 7, 1914, driven by S. F. Palin. Not advised as to sale price, if ever sold; won \$8,175 in purses and stakes.

Inherent speed influences: ♀ △ ♀, ⊖ ♀; ♀ △ ♀.

Accelerating speed influences: ♀ & ⊖ in I; ♀ in III.

Predominating gait influence: ♀ Ruler of Asc. ♀ ♀ —Pacing.



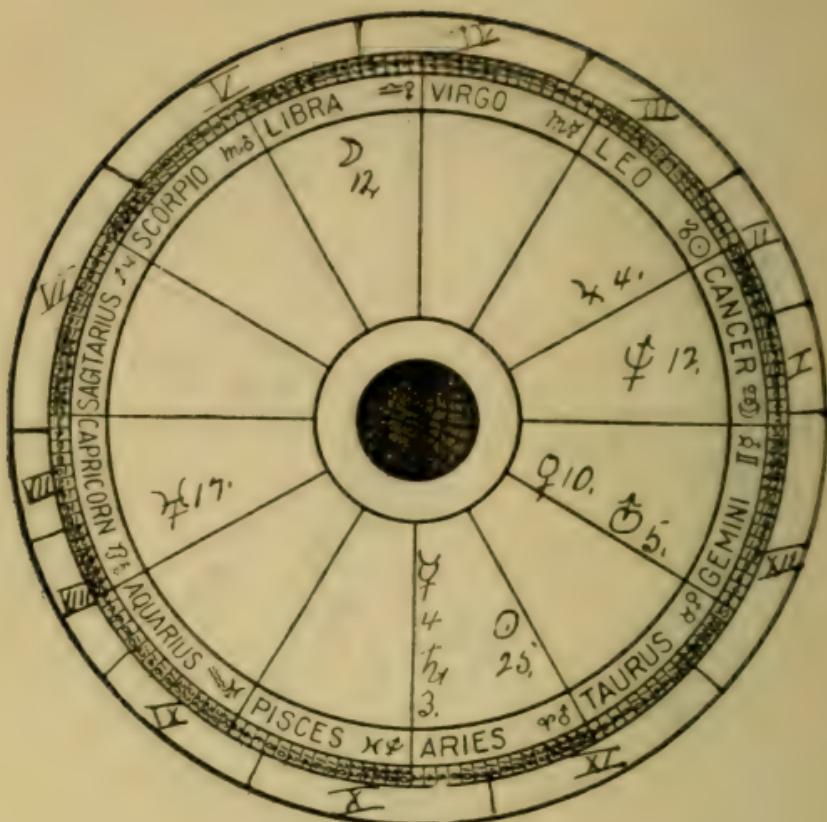
No. 21.

BELFORD BELL b m 2:06½, foaled 5/10/1907
2:10 a. m. Sire, Echo Bell, 2:21¾—Dam, Dolly
Patchen, by Joe Patchen (p) 2:01¼. Bred by W.
H. Smollinger, Iron Mountain, Mo. Record made
at Galesburg, Ill., Aug. 21st, 1913, driven by Os-
car D. Ames. Not advised as to sale price, if ever
sold, nor of her winnings.

Inherent speed influences: $\diamond \circ \times$; $\times \ast \triangle$, $\triangle \diamond \& \times$;
 $\diamond \circ \times$, $\circ \triangle \times$; $\triangle \circ \times$.

Accelerating speed influences: h & q in I.

Predominating gait influences: ♀ ruler of Asc.,
♂ ♀—Trotting.



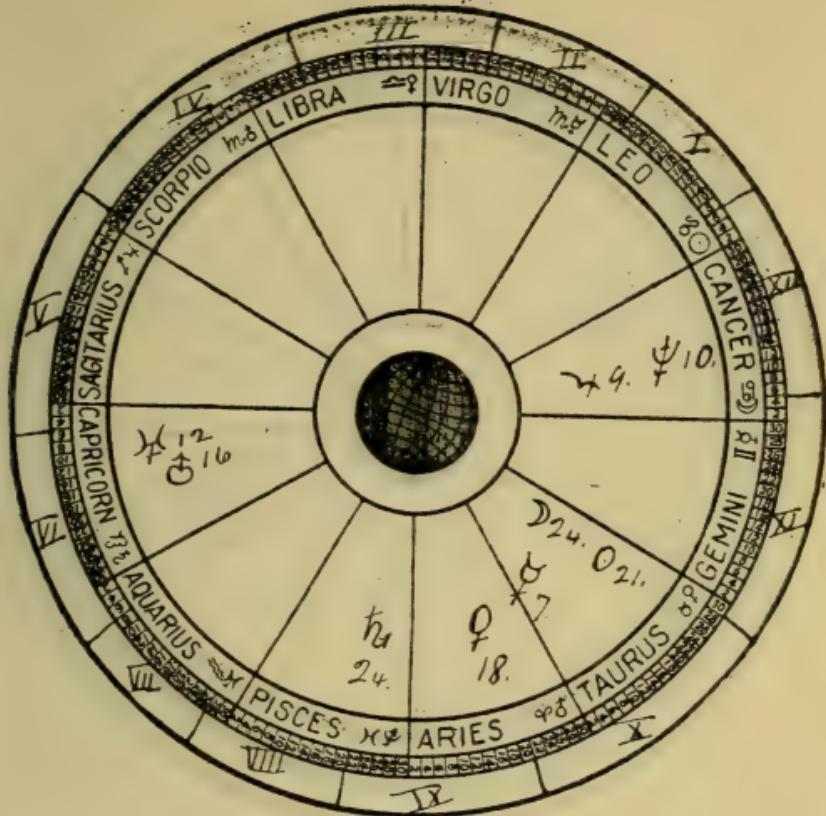
No. 22

KING COUCHMAN br g (p) 2:02 $\frac{1}{4}$, foaled 4/15, 1908 9:00 a. m. Sire, Atlantic King (p) 2:09 $\frac{1}{4}$. Dam, Electric C., By Electricity 2:17 $\frac{1}{4}$. Bred by George W. Couchman, Urbana, Ohio. Record made at Phoenix, Ariz., Nov. 13, 1914, driven by Dick McMahon. Won \$17,120 in stakes and purses in 1913 and 1914. (Note: This chart is almost identical with that of Jimmy Briggs, (p) 2:05 $\frac{1}{4}$.)

Inherent speed influences: \square \square \square , \triangle δ , \circ \circ , $*$ \circ , \circ \circ \circ , \triangle \circ , \circ \circ .

Accelerating speed influences: δ & h in $X\Delta Y$,
* δ .

Predominating gait influences: Ruler of Asc. ☽—Pacing.



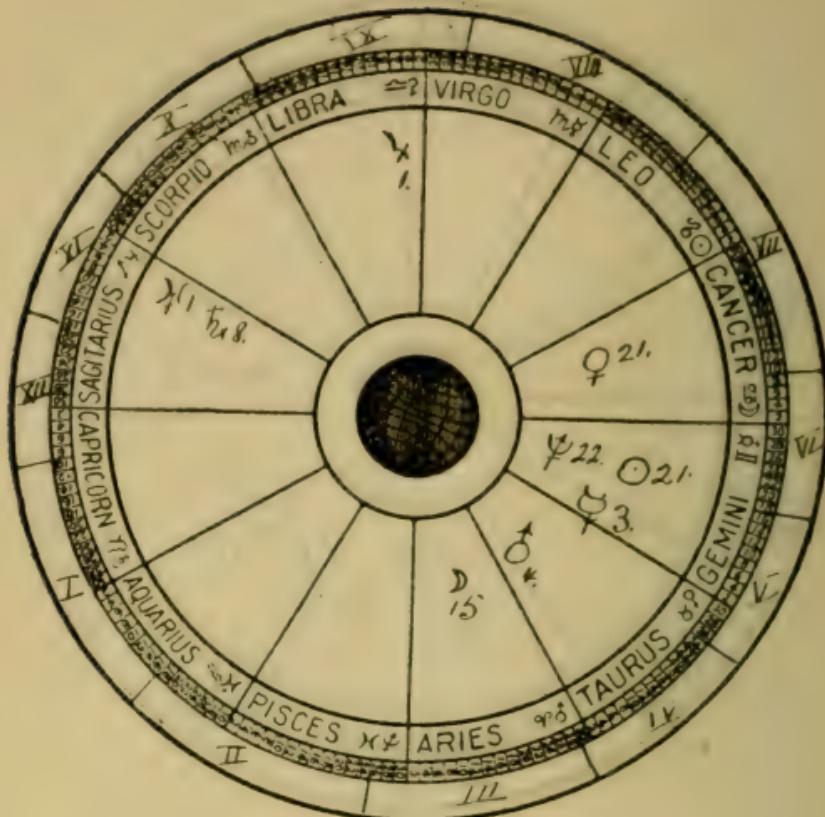
No. 23.

PRINCESS WELCOME gr m 2:07 $\frac{1}{4}$, foaled 5/12/1907/10:00 a. m. Sire, Lodaller 2:19 $\frac{1}{4}$ —Dam, Princess Gaines, by Allie Gaines 2380. Bred by M. T. Grattan, Preston, Minn. Record made at Galesburg, Ill., Aug. 26, 1914, driven by Joe McLaughlin. She was sold several times, and won \$5,006. Note comments on this chart, as to color of hair.

Inherent speed influences: $\square \triangle \delta$, $\diamond * \heartsuit$, $\triangle \delta$ & \heartsuit , $\delta \delta \heartsuit$, $\delta \heartsuit$; $\heartsuit \heartsuit$.

Accelerating speed influences: $\heartsuit \& \diamond$ in X.

Predominating gait influences: \bullet Ruler of Asc. $\triangle \delta$ — Trotting.



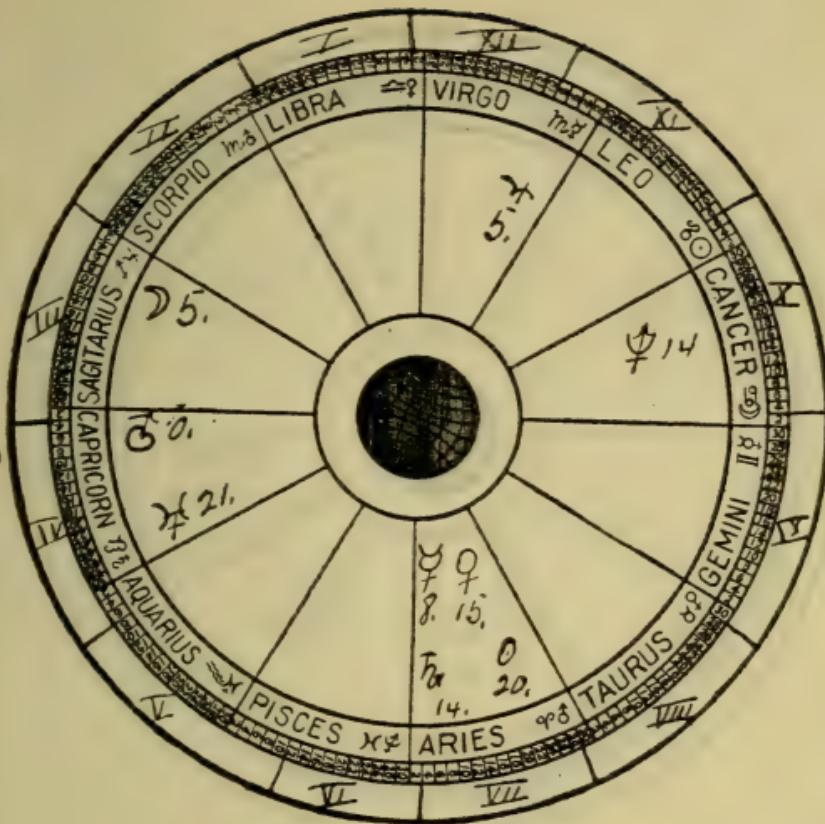
No. 24

THE BRONCHO b m (p) 2:00 $\frac{1}{4}$, foaled 6/12/1898 8:20 p. m.* Sire, Stormcliffe (p) 2:13 $\frac{1}{4}$ —Dam, Luxora, by Autocrat, Jr., 24674. Bred by R. D. Adams, Dixon, Ill. Record made at Galesburg, Ill., Aug. 26, 1906, driven by Chas. E. Dean. Do not know her winnings, nor sale price if ever sold. The chances are this mare was foaled soon after midnight, when the moon was only a few degrees in Aries.

Inherent speed influences: ♀ △ ♂, ♀ ♃, ♂ * ♃.

Accelerating speed influences: ♀ in III, ♂ in IX.

Predominating gait influence: ♀ ♃ ♃, ♀ ruler of Asc. ♂ ♃—pacing.



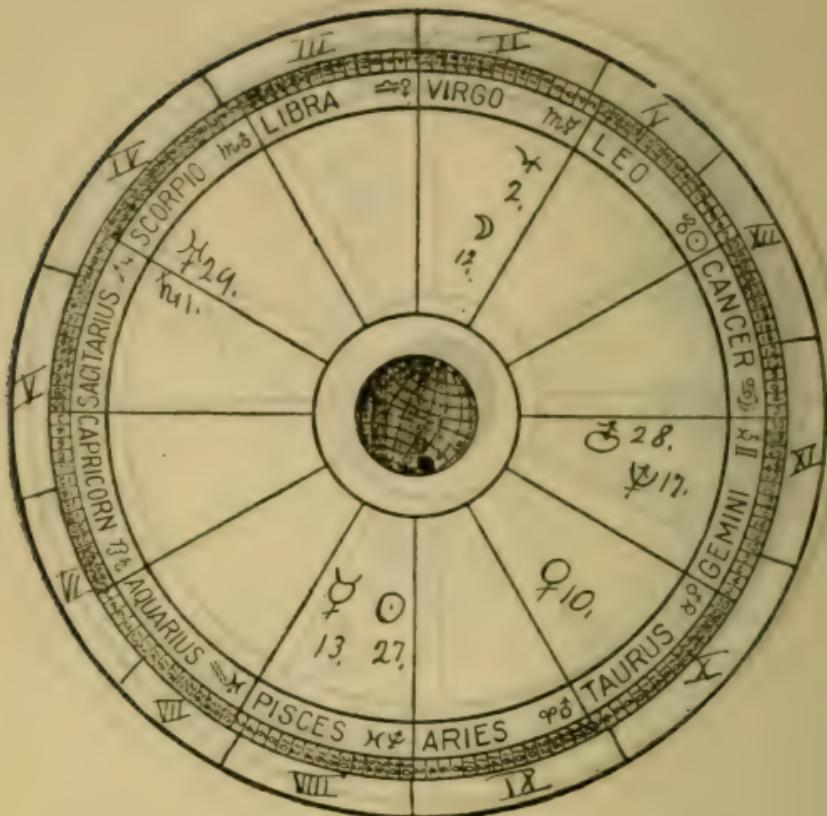
No. 25

LIBERTY PATCH b h (p) 2:08 $\frac{1}{4}$, foaled 4/9/1909/5:00 p. m. Sire, Dan Patch (p) 1:55—Dam, Effie Powers, p, 2:08 $\frac{1}{4}$, by Anderson Wilkes, 2:22 $\frac{1}{4}$. Bred by M. W. Savage, Savage, Minn. Record made at Sedalia, Mo., Sept. 29, 1914, driven by Railey Macey. Not advised as to his winnings, nor sale price if ever sold.

Inherent speed influences: ♂ □ ♀, △ ♀; ♀ □ ♂; ♂ △ ♀.

Accelerating speed influences: ♂ in ♀ in III.

Predominating gait influence: ♀ Ruler of Acc. □ ♀—Pacing.



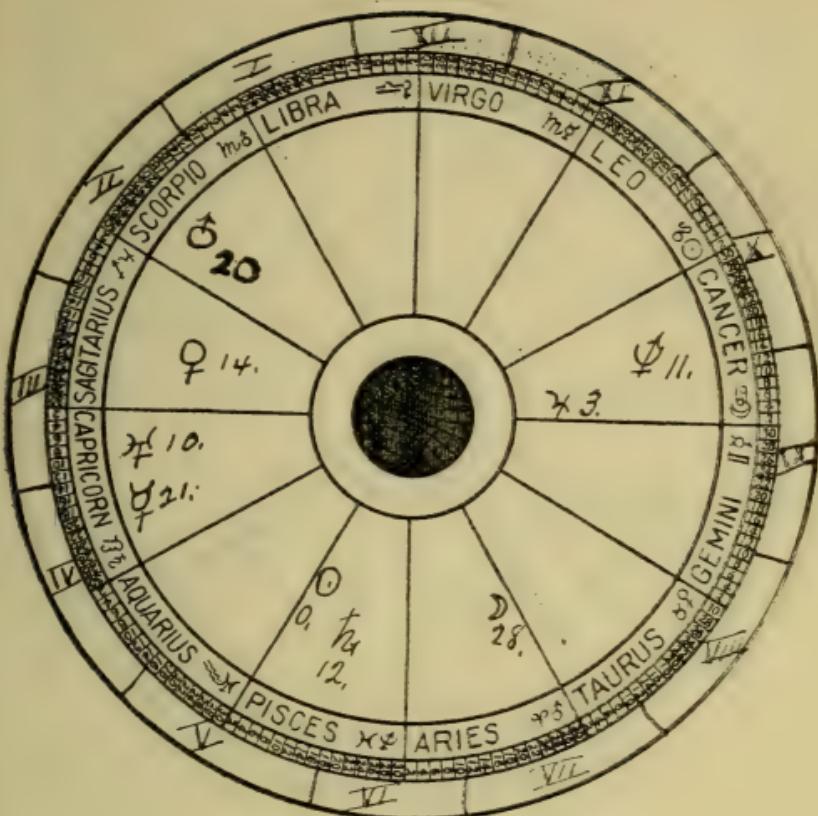
No. 26.

AUDUBON BOY ch h (p) 1:59 $\frac{1}{2}$, foaled 3/17/1897 2:15 p. m.* Sire, J. J. Audubon 2:10—Dam, Flaxey, by Bourbon Wilkes 2345, Bred by E. P. Weathers, Avon, Ky. Record made at Readville, Mass., Sept. 22, 1905, driven by J. Y. Gatecomb. Sold for \$10,000; not advised as to winnings.

Inherent speed influences: ♀ ♂ ♀, ♀ ♀; ♂ * ♀;
 ♀ □ ♀.

Accelerating speed influences: ○ in IX △ ♀, □ ♂.

Predominating gait influence: ○ *Ruler of Asc.*
 △ ♀ — *Pacing.*



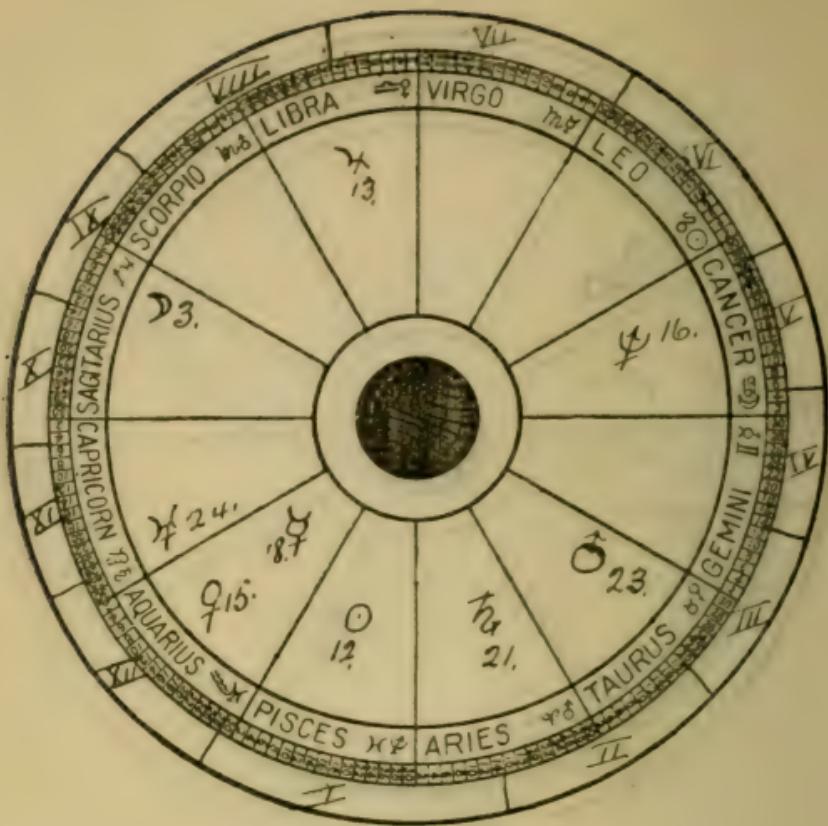
No. 27.

LULU ARION ch m 2:08 $\frac{1}{4}$, foaled 1/20/1907/11:00 p. m. Sire, Peter the Great (4) 2:07 $\frac{1}{4}$ —Dam, Lady Arion 2:19 $\frac{3}{4}$, By Arion (4) 2:07 $\frac{3}{4}$. Bred by Dr. J. R. Hagyard, Lexington, Ky. Record made at Columbus, Ohio, Aug. 19, 1911, driven by E. Benyon. Sold for \$2500 and won \$6147.

Inherent speed influences: ♀ * ♀, □ ♀; ♀ * ♂; ♀ 8 ♀.

Accelerating speed influences: ♀ in ♀ in III, ♀ in IX.

Predominating gait influence: ♀ Ruler of Asc. ♀, ♀ □ Asc.—Trotting.



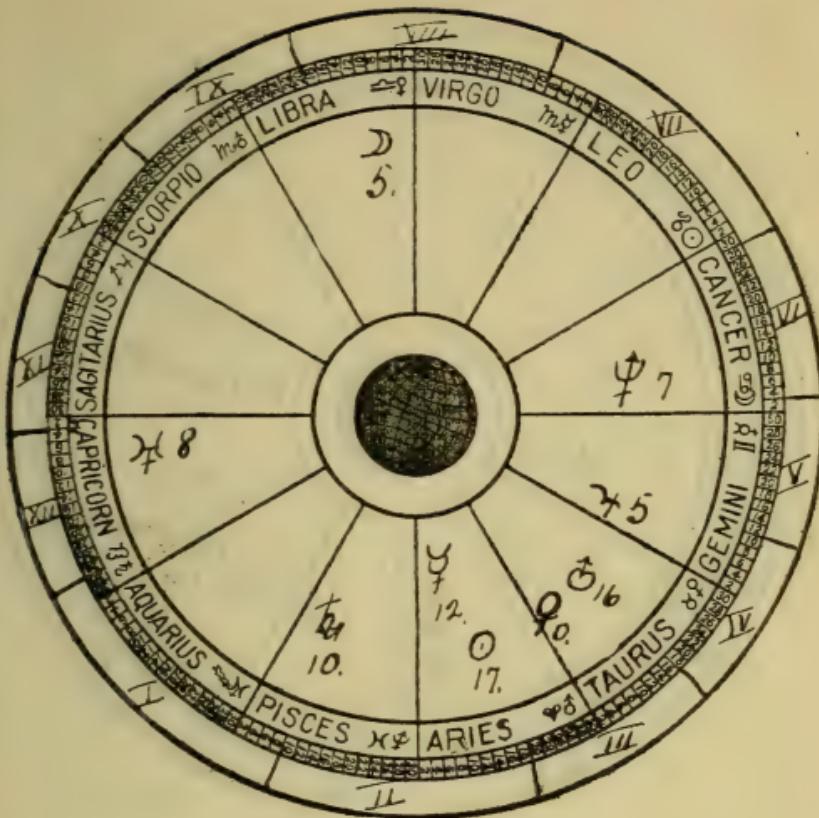
No 28.

MARGARET DRUIEN b m 2:05 $\frac{1}{2}$, foaled 3/3/1910/6:00 a. m. Sire, Peter the Great 4. 2:07 $\frac{1}{4}$ —Dam, The Huntress, 2, 2:23 $\frac{3}{4}$, by Onward Silver 2:05 $\frac{1}{4}$. Bred by J. L. Druien, Bardstown, Ky. Record made at Grand Rapids, Mich., Aug. 4, 1914, driven by W. R. Cox. She has never been sold. Total winnings \$25,280.

Inherent speed influences: ♀ P ♀; ♀ △ ♀ □ ♂;
♂ △ ♀.

Accelerating speed influences: ♀ in I in IX, ⊕ in I; ♂ in III.

Predominating gait influence: ♀ Ruler of Asc.
△ ♂—Trotting.



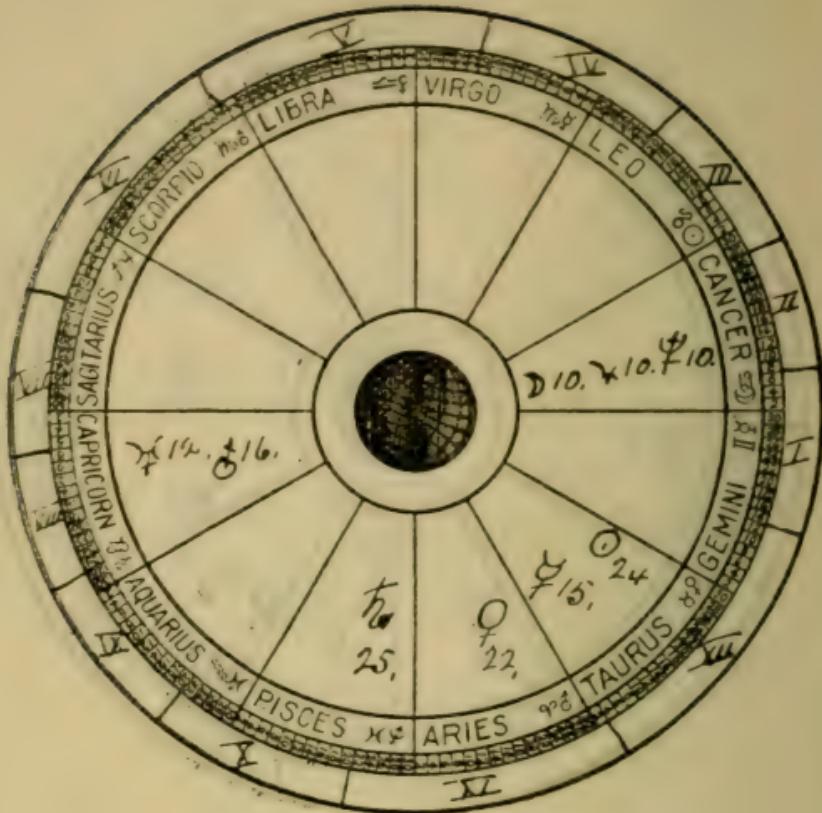
No. 29

MINNIE CHIMES b m (p) 2:04 $\frac{1}{4}$, foaled 4/8/1906/2:00 a. m. Sire, Council Chimes, p, 2:07 $\frac{1}{2}$ —Dam, Daisy B, by C. C. Harris 36689. Bred by William Newlin, Hutchinson, Kansas. Record made at Peoria, Ill., Aug. 16, 1913, driven by Jas. H. McVey. Minnie Chimes first sold for \$160, and later for about \$250; her winnings amount to over \$21,000.

Inherent speed influences: ♂△♀, ☽☿, ♀♀;
 ♀*♀, ☽☿; ♂△☿.

Accelerating speed influences: ☽&♀ in III.

Predominating gait influence: h Ruler of Asc.
 *☽—Pacing.



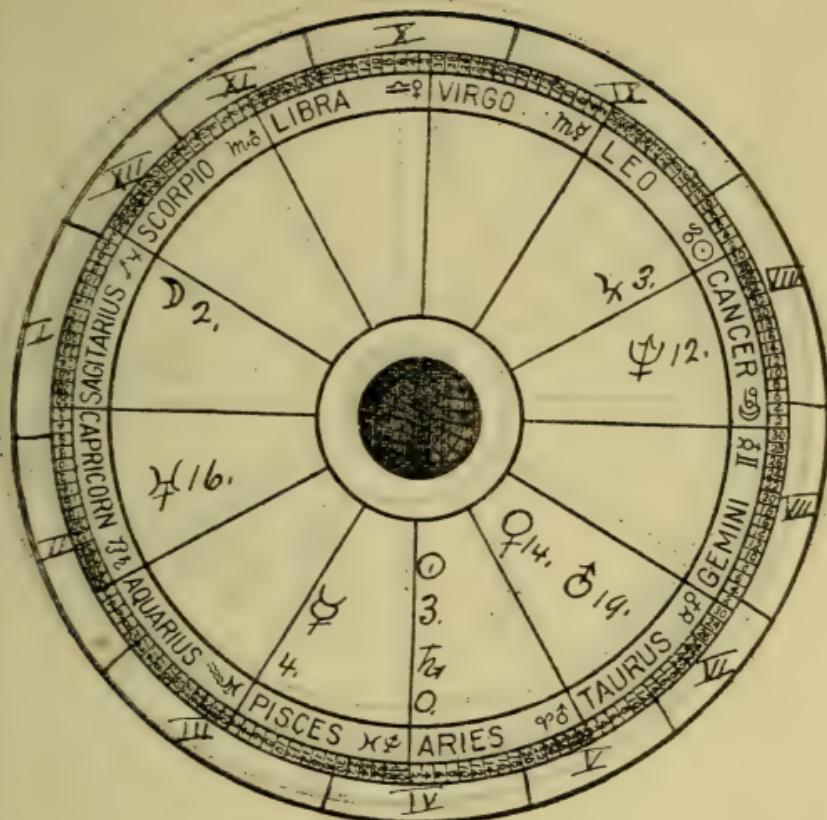
No. 30

RUBY K. b m (p) 2:06 $\frac{1}{4}$, foaled 5/16/1907/6:00 a. m.* Sire, Wilkie O'Neill, (p) 2:24 $\frac{1}{4}$ —Dam, Temple Queen, by Temple Bar 2:17 $\frac{1}{4}$. Bred by W. H Kreglow, Quincy, Ill. Record made at Detroit, Mich., July 29, 1914, driven by Mike McDevitt. Sold for \$2,000, and has won \$2,000 or more. Note similarity between her chart and that of Lulu Lumine 2:09 $\frac{1}{4}$. Also see comments on this chart.

Inherent speed influences: ♂ 6 ♀, * ♀, 8 ♂ & ♀; ♀ * ♀, △ ♂ & ♀, ♂ 6 ♀, 8 ♀; ♀ 8 ♀.

Accelerating speed influences: None.

Predominating gait influence: ♀ Ruler of Asc. △ ♀—Pacing.



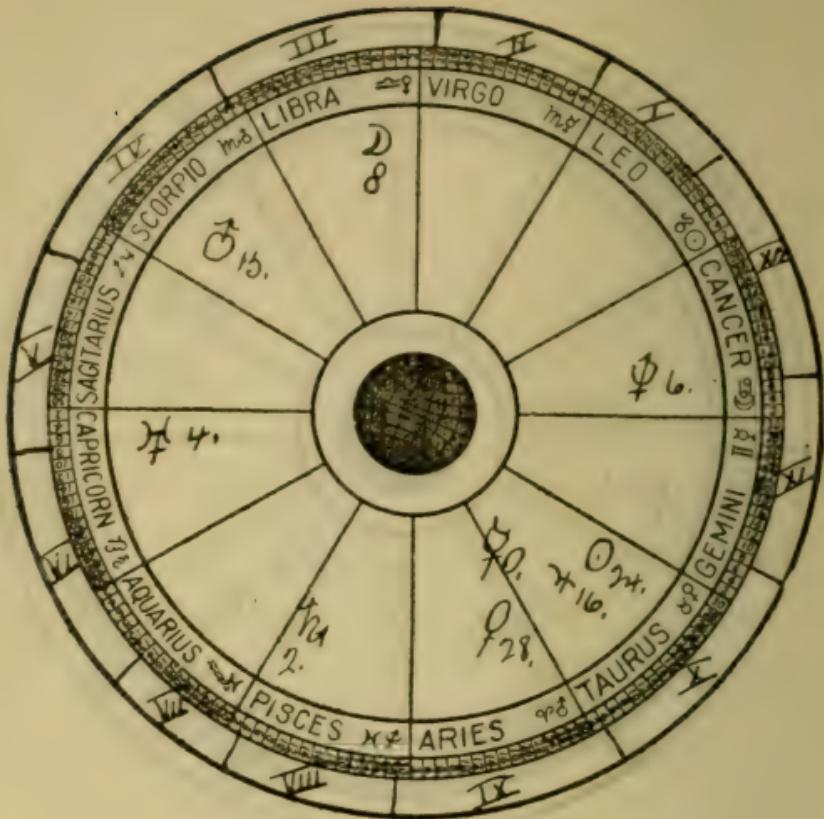
No. 31

EXALL b h 2:09 $\frac{1}{2}$, foaled 3/22/1908/11:55 p.m. Sire, Exalted 2:09 $\frac{1}{4}$ —Dam, Bertha C, by Ax-tell, 3, 2:12. Bred by J. W. Hoyle, Dixon, Ill. Record made at Springfield, Ill., Sept. 24, 1914, driven by F. M. Pearse. Total winnings \$6,629. Not informed as to sale price, if ever sold.

Inherent speed influences: ♀ Δ ♁, □ ♀; ♂ Δ ♀.

Accelerating speed influences: ♀ in I; ♁ Δ Asc.

Predominating gait influence: ♀ in Asc., Δ ♁—Trotting.



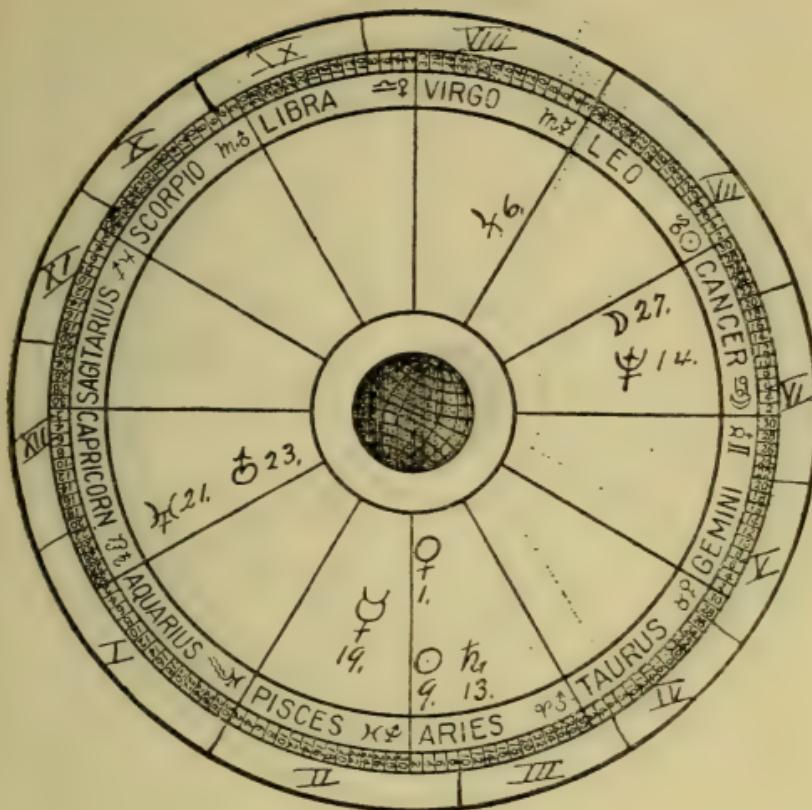
No. 32.

MARIGOLD b m 2:07 $\frac{1}{4}$, foaled 5/15/1905/10:30 a.m. Sire, Delha, p, 2:14 $\frac{1}{4}$ —Dam, Agnes Wonder, by Wonder 2697. Bred by J. W. Hoyle, Dixon, Ill. Record made at North Randall, Ohio, July 10, 1913, driven by T. W. Murphey. Total winnings \$20,815. Not advised as to sale price, if ever sold.

Inherent speed influences: ♂ □ ♦, ♀ △ ♦; ♂ ♀.

Accelerating speed influences: ♀, ♀ & ♦ in X.

Predominating gait influence: ♂ Ruler of Asc. ♂ ♀—Trotting.



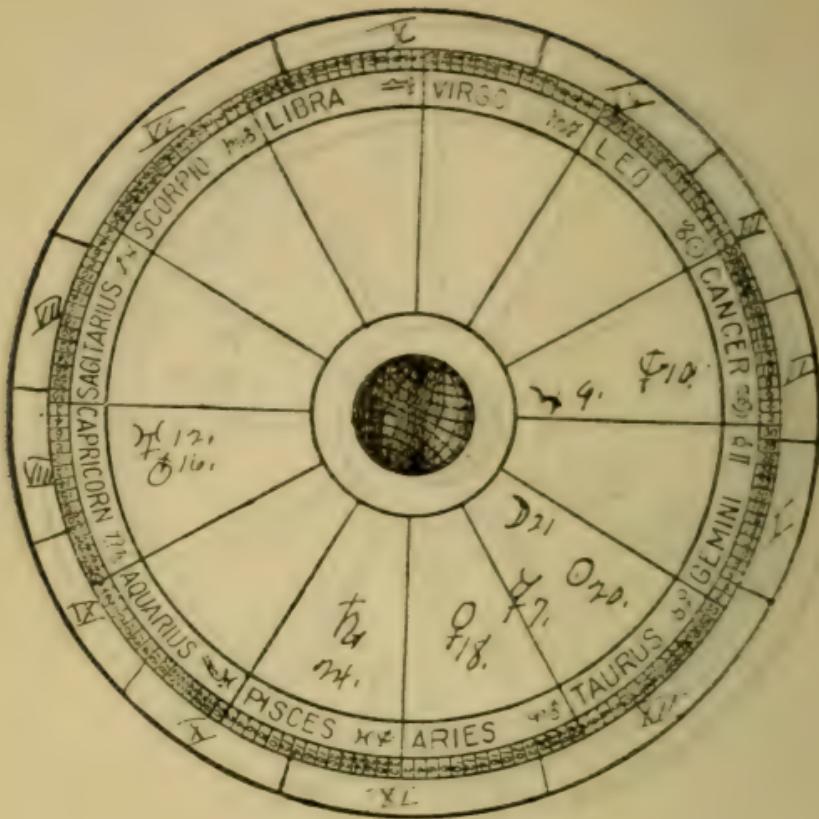
No. 33.

PETER STEVENS b h (p) 2:02 $\frac{1}{4}$, foaled 3/30/1909/2:00 a. m.* Sire, Peter the Great, 4, 2:07 $\frac{3}{4}$ —Dam, Roxy Allerton, by Allerton 2:09 $\frac{1}{4}$. Bred by Geo. M. Stevens, Lancaster, N. H. Record made at Columbus, Ohio, Sept. 21, 1914, driven by W. S. Garrison. Not sold, won \$15,670.

Inherent speed influences: ☽ ♀ ♂ & ♀; ♀ * ♂ & ♀; ♂ ♂ ♀.

Accelerating speed influences: ♂ & ♀ in I.

Predominating gait influence: ♀ Ruler of Asc. ☽ ♀—Pacing.



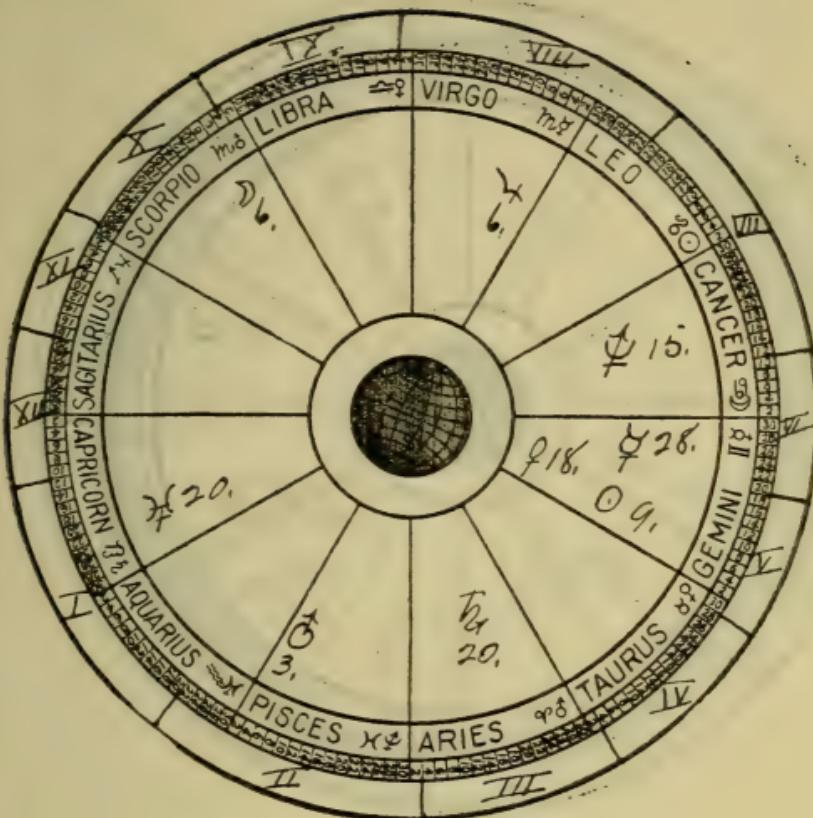
No. 34.

ERNEST AXTELL b h 2:08 $\frac{1}{4}$. foaled 5/12/1907
 15:00 a. m. Sire, Axtel, (3) 2:12—Dam, Grace
 Helen 2:11 $\frac{3}{4}$, by Blue Dawn 2:21 $\frac{1}{2}$. Bred by M. E.
 McHaffie, Coatesville, Ind. First sold for \$1,750,
 sold second time for \$5,000, and later sold for ex-
 port for \$8,000; winnings about \$7,500.

Inherent speed influences: ♀ △ ♂; ♀ * ♀, △ ♂
 & ♀; ♂ ♂ ♀, ♀ ♀; ♀ ♀ ♀.

Accelerating speed influences: ♀ & ● in I, ♂ &
 ♀ in IX, ♀ & ♀ in III.

Predominating gait influence: ♀ Ruler of Asc.
 □ ♂ — Trotting.



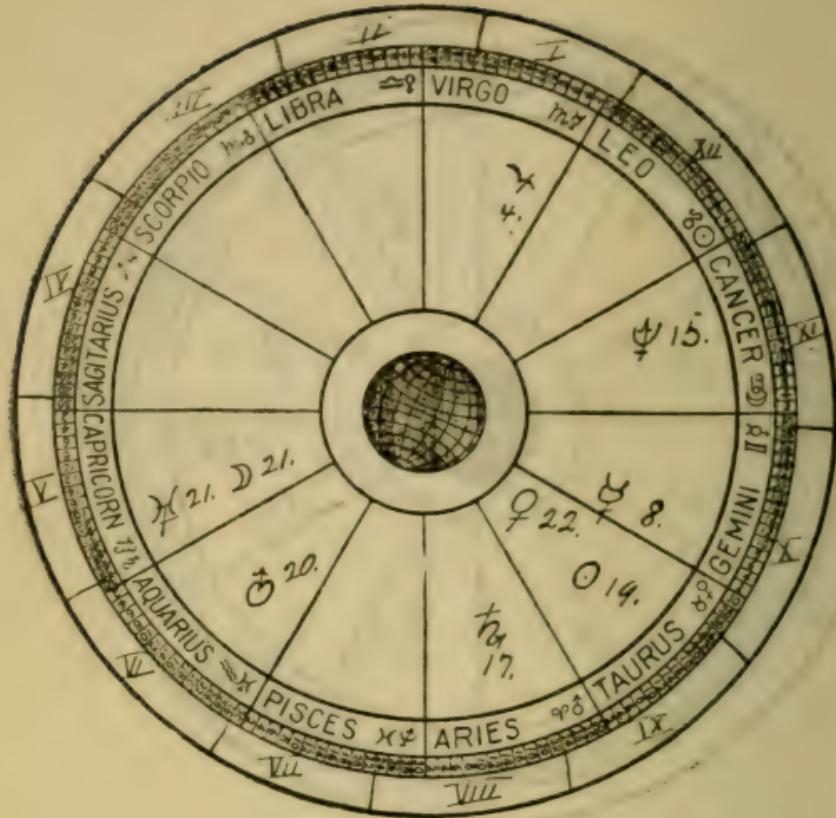
No. 35.

BRIGHTON B b g 2:05 $\frac{1}{2}$, foaled 5/31/1909/9:30 p. m. Sire, Mokides 2:08 $\frac{3}{4}$ —Dam, Black Ida, 2:17, by Cyclone 2:23 $\frac{1}{4}$. Bred by Edward and Joseph Madden, Lexington, Ky. Record made at Columbus, Ohio, Sept. 30, 1914, driven by T. W. Murphey. Not advised as to sale price if ever sold; winnings about \$15,000.

Inherent speed influences: ♀ * ♁, ♂ ♁; ♀ ♂ ♁.
 * ♁; ♁ ♁ ♁.

Accelerating speed influences: ♀ in I, ♀ in X.

Predominating gait influence: See Comments on Gait.



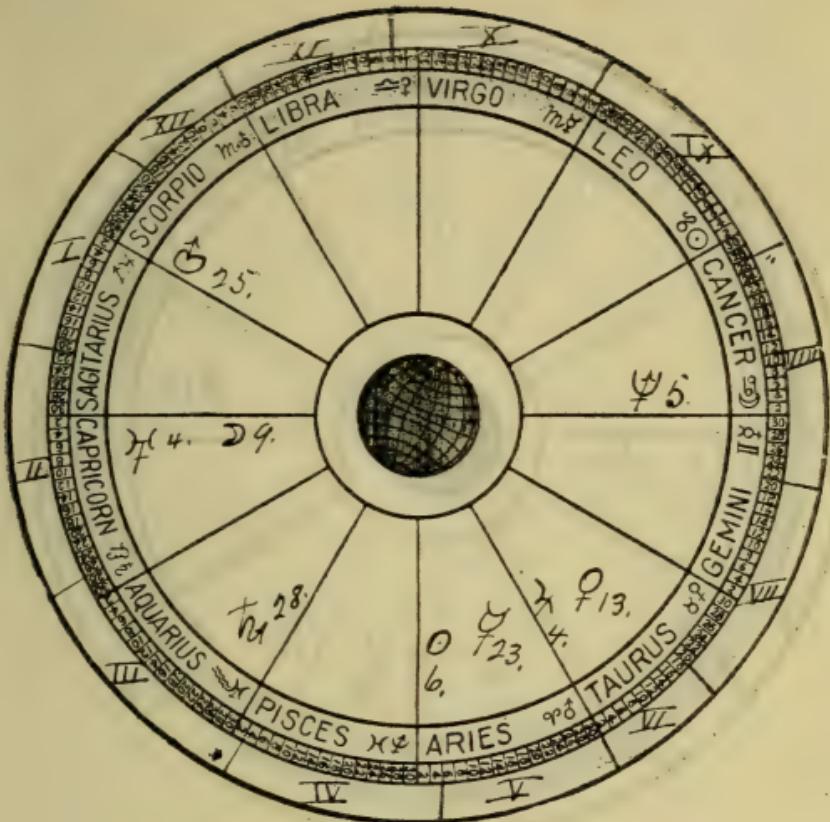
No. 36.

CAMELIA br m (p) 2:04 $\frac{1}{4}$, foaled 5 10 1909/00:30 p. m. Sire, Cummer 57843—Dam, Veta S, by Sidney Prince 2:21 $\frac{1}{4}$. Bred by C. Leatherbury, Machipongo, Va. Record made at Detroit, Mich., Sept. 17, 1914, driven by W. R. Cox. Sold as a three year old for \$1,050, and sold as a four-year-old for \$6,500. Not advised as to winnings.

Inherent speed influences: ☽ ♂ ☽; ☽ □ ☽

Accelerating speed influences: ☽ in X □ ☽

Predominating gait influence: ☽ Ruler of Asc,
△ ☽ — Pacing.



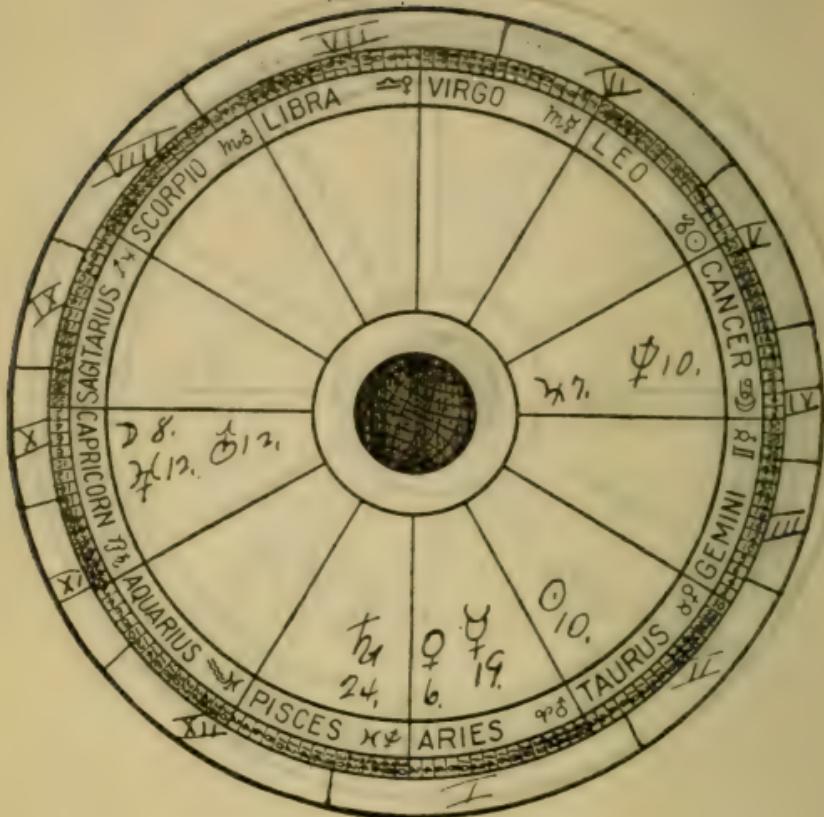
No. 37.

MOONBEAM ro h (p) 2:06 $\frac{1}{4}$, foaled 3/27/1905/10:00 p. m. Sire, Jayfoot, Jr.—Dam, Maude McCarty, by Dick Roberts. Bred by George McCarty, Flat Rock, Ill. Record made at Indianapolis, Ind., Sept. 9, 1914, driven by Harrie Jones. Not advised as to sale price, or winnings.

Inherent speed influences: $\square \Delta 24$, $\diamond \Psi$; $24 \Delta \Psi$.

Accelerating speed influences: δ in I, \square in II.

Predominating gait influence: 24 Ruler of Asc., $\Delta \Psi$ —Pacing.



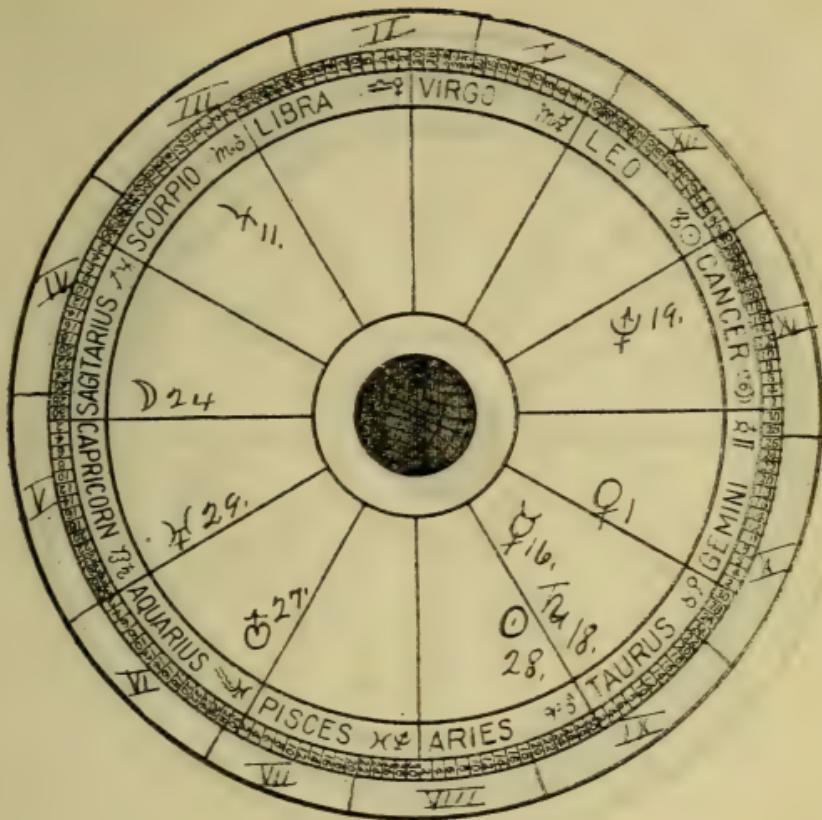
No. 38

JEAN ARION b m 2:08 $\frac{1}{4}$, foaled 5/2/1907/3:00 a. m. Sire, Arion (4) 2:07 $\frac{1}{4}$ —Dam, Sarah Shelton 2:28 $\frac{1}{4}$, by Bedford 2:30. Bred by M. W. Savage, Savage, Minn. Record made at Milwaukee, Wis., Sept. 13, 1912, driven by E. McCarr. Do not know her sale price, if ever sold, nor her total winnings. Note the similarity of this chart with that of Honey Healey 2:08 $\frac{1}{4}$, foaled about 24 hours later.

Inherent speed influences: ♀ 6 ♀ & ♀, 8 ♀;
 ♀ ♀ ♀ & ♀: ♀ 6 ♀, 8 ♀: ♀ 8 ♀.

Accelerating speed influences: ♀, ♀ & ♀ in X.

Predominating gait influence: ♀ Ruler of Asc.
 ♀ ♀—Trotting.



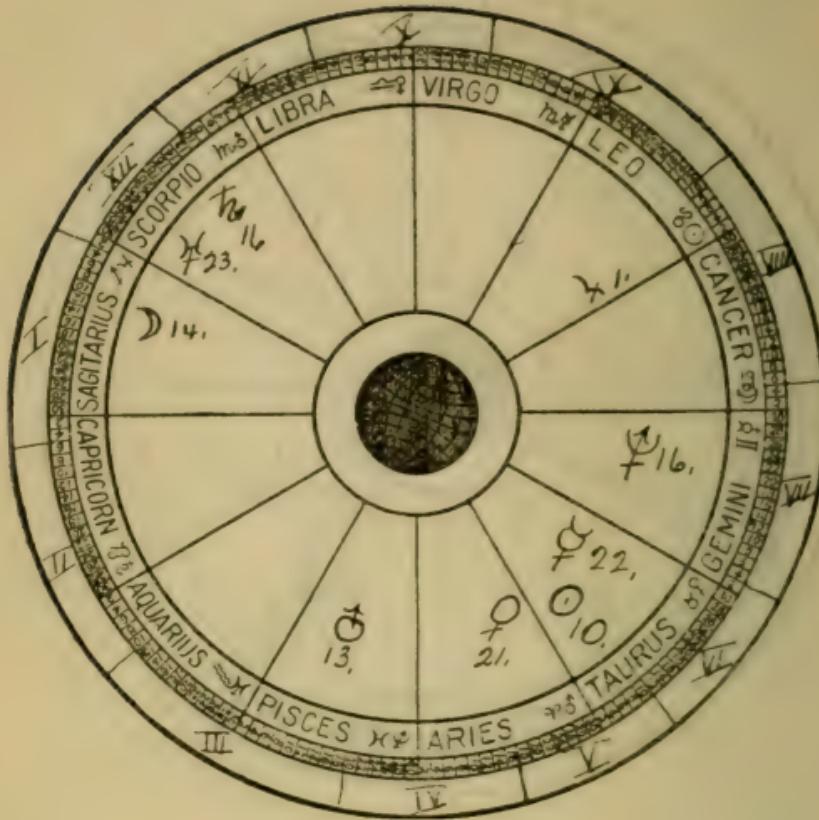
No. 39.

SQUANTUM b g 2:09 $\frac{1}{2}$, foaled 4/18/1911/2:00 a. m. Sire, Squanto 48355—Dam, Medium, p, 2:18 $\frac{1}{4}$, by Pilot Medium 1597. Bred by M. F. Drinkwater, Braintree, Mass. Record made at Kalamazoo, Mich., Aug. 11, 1914, driven by Lon McDonald. Sold as a three-year old for \$12,000; died Nov. 10, 1914.

Inherent speed influences: ☽ * ♂, ♀ ♀ ♀, ♂ * ☽.

Accelerating speed influences: ☽ Ruler in IX * ♂, ☽ ♀, △ ☽ in ♀.

Predominating gait influence: ☽ Ruler of Asc. ☽ ♀—Pacing.



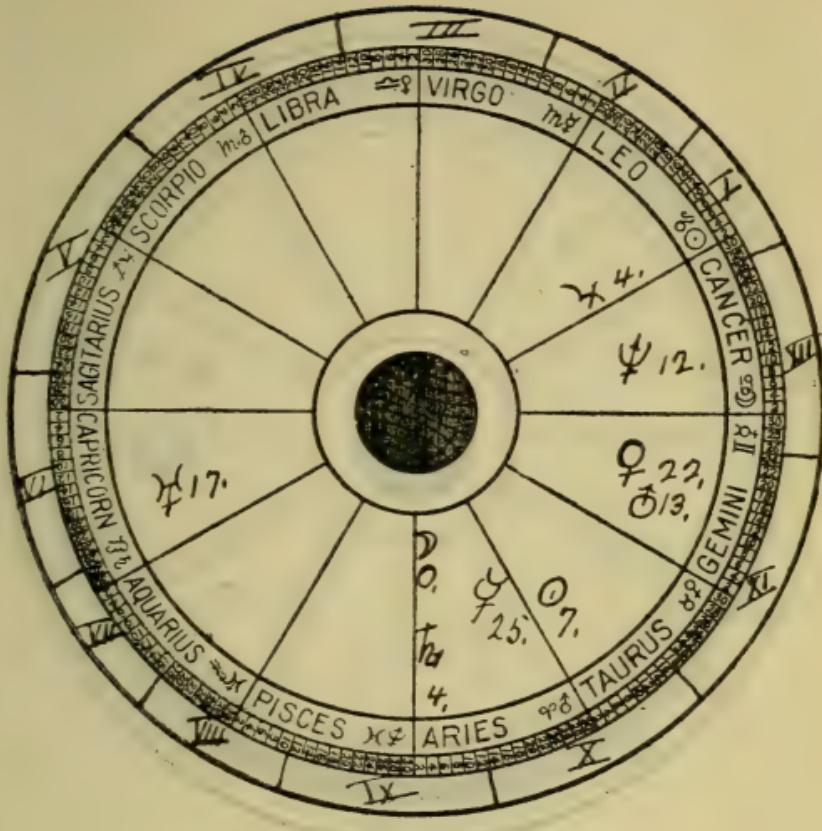
No. 40

DAN PATCH br h (p) 1:55, foaled 4/29/1896/10:00 p. m. Sire, Joe Patchen 2:01 $\frac{1}{4}$ —Dam, Zelica, by Wilkesberry 2:30. Bred by D. A. Mesner, Jr., Oxford, Ill. Record made at Lexington, Ky., Oct. 7, 1905, driven by H. C. Hersey. World's champion stallion. Sold for \$60,000. Not advised as to total winnings.

Inherent speed influences: ♀ 1, ♀ 2, ♀ 3, ♀ 4, ♀ 5, ♀ 6, ♀ 7, ♀ 8, ♀ 9, ♀ 10, ♀ 11, ♀ 12.

Accelerating speed influences: ♀ in I in II; ♀ in III.

Predominating gait influence: ♀ 8 — Pacing.



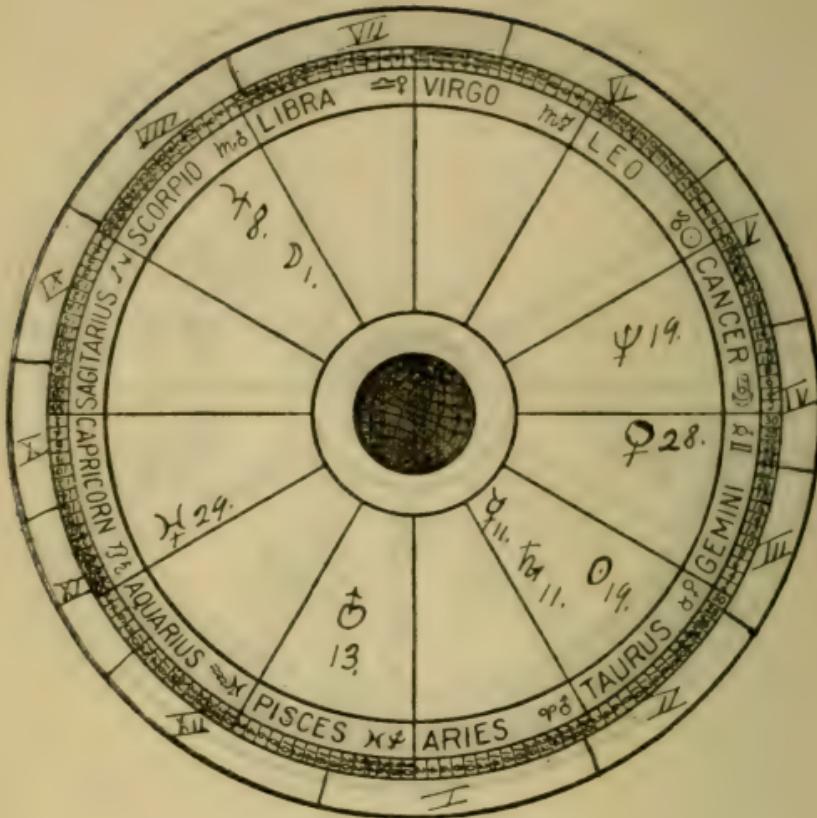
No. 41.

LASSIE McGREGOR br m 2:06 $\frac{1}{4}$, foaled 4/27/1908/11:15 a. m. Sire, Jay McGregor 2:07 $\frac{1}{4}$ —Dam, Miss Secrets, by Moquette, 4, 2:10. Bred by H. A. Veerhage, Cincinnati, O. Record made at Grand Rapids, Mich., Aug. 5, 1914, driven by T. W. Murphey. Total winnings \$22250; priced at \$10,000.

Inherent speed influences: ♀ △ ♀; ♀ □ ♀; ♂ P
♀.

Accelerating speed influences: ♀ & ♂ in IX; ♀ & ♂ in X; ♀ in I.

Predominating gait influence: ♂ Ruler of Asc. □ ♀—Trotting.



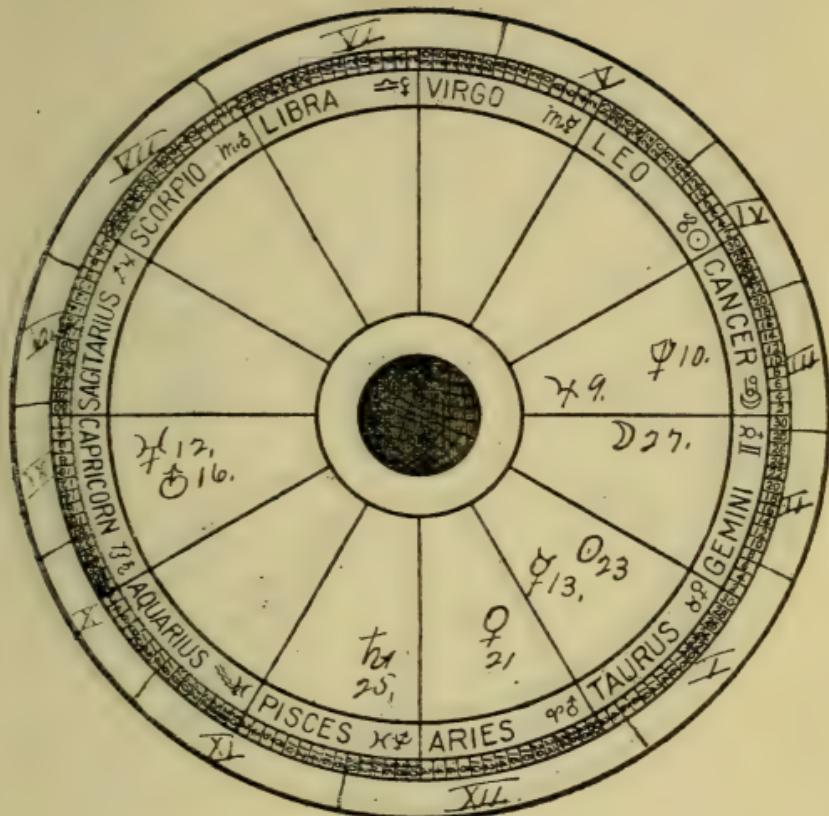
No. 42.

LADY WATNEKA br f (2) 2:10, foaled 5/11/1911/2:00 a. m.* Sire, Peter the Great, (4) 2:07½—Dam, Baron's Lassie 2:20½, by Baron Wilkes 2:18. Bred by R. K. Hart, Flemingsburg, Ky. Record made at Lexington, Ky., Oct. 13, 1913, driven by Walter R. Cox. Sold \$12,000 when three years old, an offer of \$25,000 for her was later refused. She was burned to death at Groveton, Ga., Nov. 20, 1914.

Inherent speed influences: ♀ 6 ♀, ♀ 8 ♀ & ♀; ♀ * ♂, ♀ ♀, ♂ ♀; ♂ △ ♀, * ♀.

Accelerating speed influences: ♂ in I.

Predominating gait influence: See comments and Rules on the Gait.



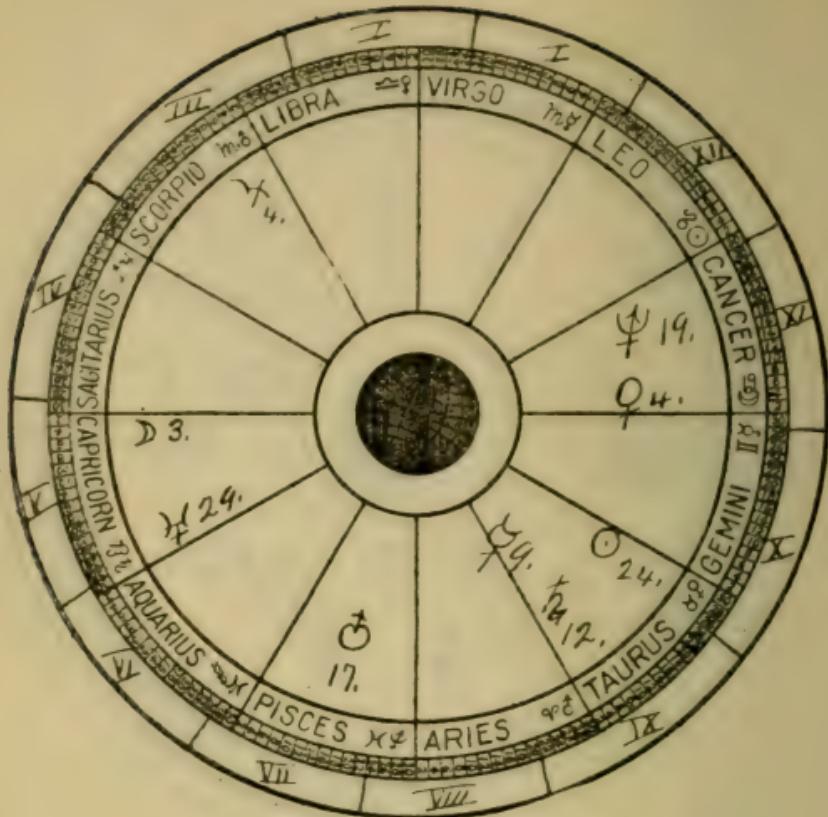
No. 43

SUE D br m 2:08 $\frac{1}{2}$, foaled 5/15/1907/4:00 a. m.
 Sire, Todd 2:14 $\frac{2}{3}$ —Dam, Calpe, by Norval 2:14 $\frac{2}{3}$.
 Bred by E. H. Gaither, Harrodsburg, Ky. Record
 made at Lexington, Ky., Oct. 6, 1911, driven by
 Lon McDonald. Not advised as to sale price and
 winnings.

Inherent speed influences: ♀ △ ♂ & ♀, * ♀; ♂
 ♂ ♀, ♀ ♀; ♀ ♀ ♀.

Accelerating speed influences: ♂ & ♀ in IX, ♀
 in I, ♀ & ♀ in III.

Predominating gait influence: ♀ Ruler of Asc.
 ☐ ♂ — Trotting.



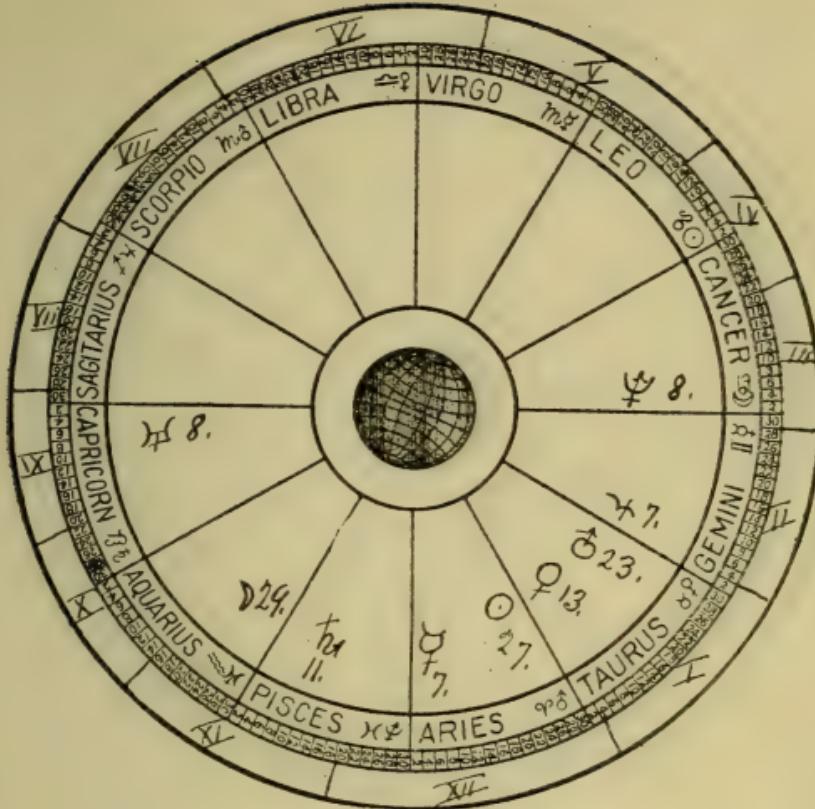
No. 44.

ANNA BRADFORD b m (p) 2:00 $\frac{1}{4}$, foaled 5/16/1911/12:00 noon.* Sire, Todd Mac 2:07 $\frac{1}{4}$ —Dam, Mary Louise, by J. J. Audubon 2:10. Bred by T. J. Weathers, Kutchinson, Ky. Record made at Columbus, Ohio, Sept. 20, 1914. Driven by T. W. Murphey. World's champion three-year-old filly. Won about \$8,000, and has not been sold.

Inherent speed influences: ♀ * ♀, △ ♀; ♀ & ♀, ♀ △ ♀.

Accelerating speed influences: ♀ & ♀ in IX; ☽ in X △ ♀, * ♀.

Predominating gait influence: ☽ *Ruler of Asc.*
△ ♀—*Pacing.*



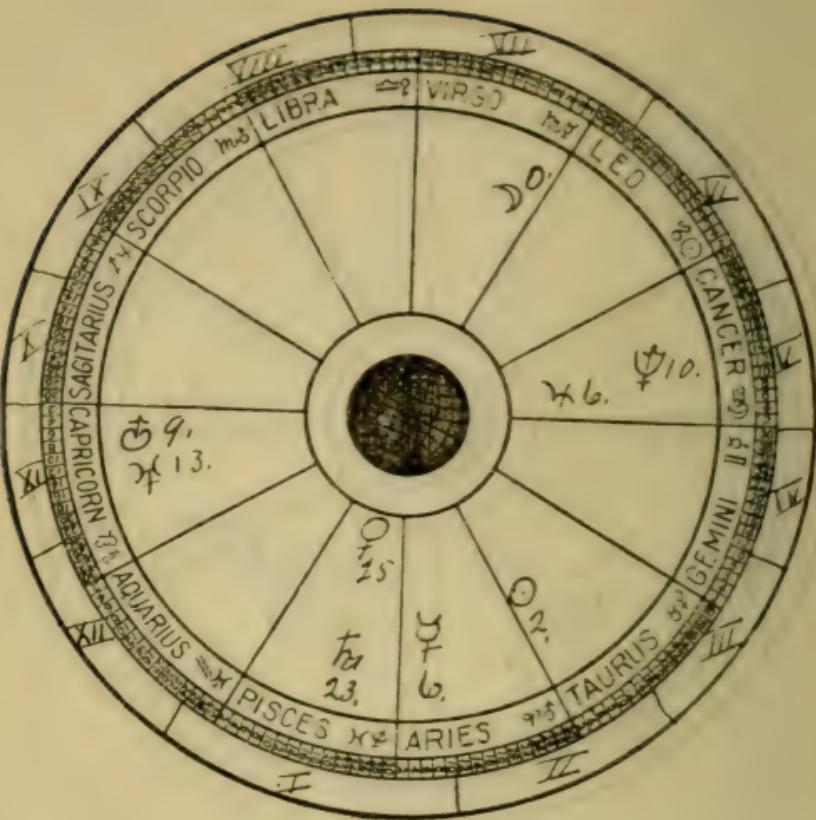
No. 45

DON DENSMORE b h (p) 2:02 $\frac{1}{4}$, foaled 4/18/1906/5:00 a. m.* Sire, Pactolus 2:12 $\frac{1}{4}$ —Dam, Nina Densmore 2:17, by Hamdallah 2917. Bred by F. L. Wacholz, Forest City, Iowa. Record made at Pittsburg, Pa., Aug. 9, 1912, driven by R. L. Parker. Total winnings about \$21,000; not advised as to sale price, if ever sold.

Inherent speed influences: ♂, ♀, *♀;
♀ ♂, *♀.

Accelerating speed influences: \oplus in IX, \odot in I.

Predominating gait influence: ♀ Ruler of Asc.
△  - Pacing.



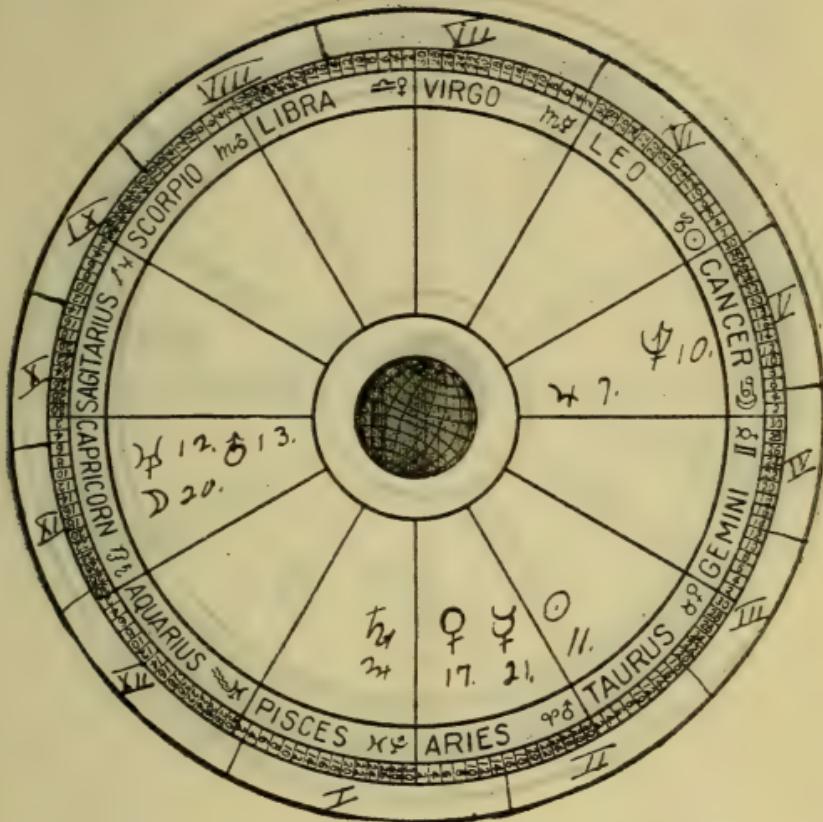
No. 46.

MIRTHFUL b m 2:06 $\frac{2}{3}$, foaled 4/23/1907/2:30 a. m. Sire, The Star of Patchen 33367—Dam, Lizzie Belle Smith by George Simmons 2:28. Bred by William Sparks, Jr., Paris, Ky. Record made at Lexington, Ky., Oct. 7, 1914, driven by T. W. Murphey. Not advised as to winnings nor sale price.

Inherent speed Influences: ♀ * ♀. △ ♂; ♀ □ ♂, □ ♀, □ ♀; ♂ ♀ ♀, ♂ ♀; ♀ ♀ ♀.

Accelerating speed influences: ♀ & ♂ in I.

Predominating gait influence: ♀ Ruler of Asc. ♂ ♀—Trotting.



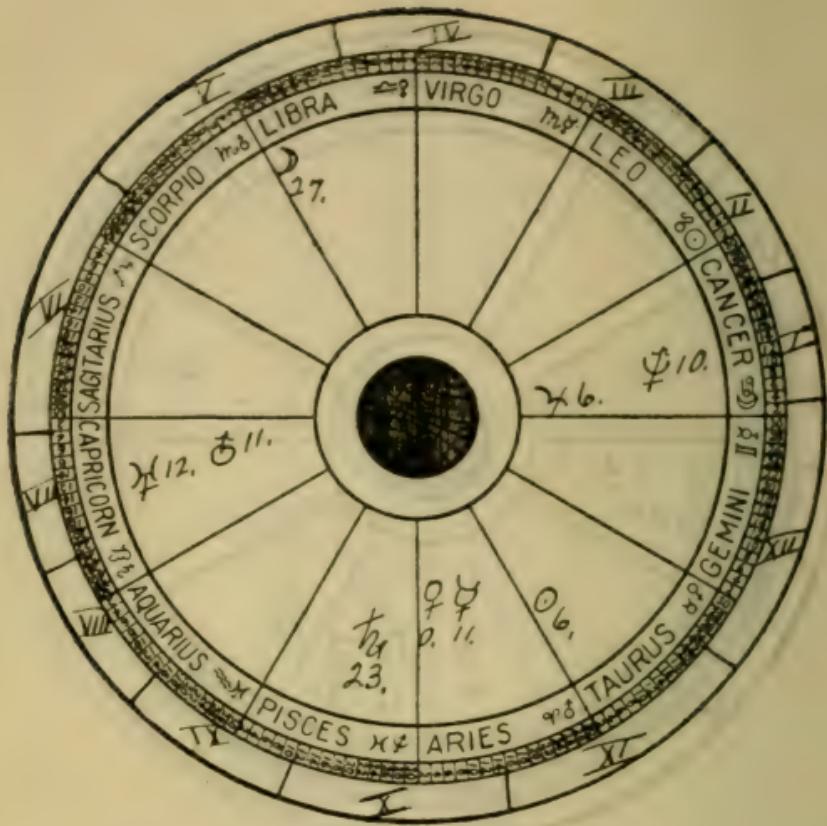
No. 47

HONEY HEALEY br m 2:08 $\frac{1}{4}$, foaled 5/3/1907 /2:00 a. m. Sire, Zombro 2:11—Dam, Eila J, by Bob Mason 2:27 $\frac{1}{4}$. Bred by Ed Sewell, Santa Paula, Calif. Record made at Santa Rosa, Calif., Sept. 3, 1914, driven by W. G. Durfee. Not advised as to any sale price, nor of her total winnings. Cheeney 2.03 $\frac{1}{4}$ was foaled on this day, also.

Inherent speed influences: D ☐ ♀, 6 ♂; ♀ ☐ ♂
 8 ♂ ♀ 8 ♀; ♀ 8 ♀.

Accelerating speed influences: h in I * D, 2Δ, Asc.

Predominating gait influence: ♀, Ruler of Asc.
 6 2, 2Δ Asc.—Trotting.



No. 48.

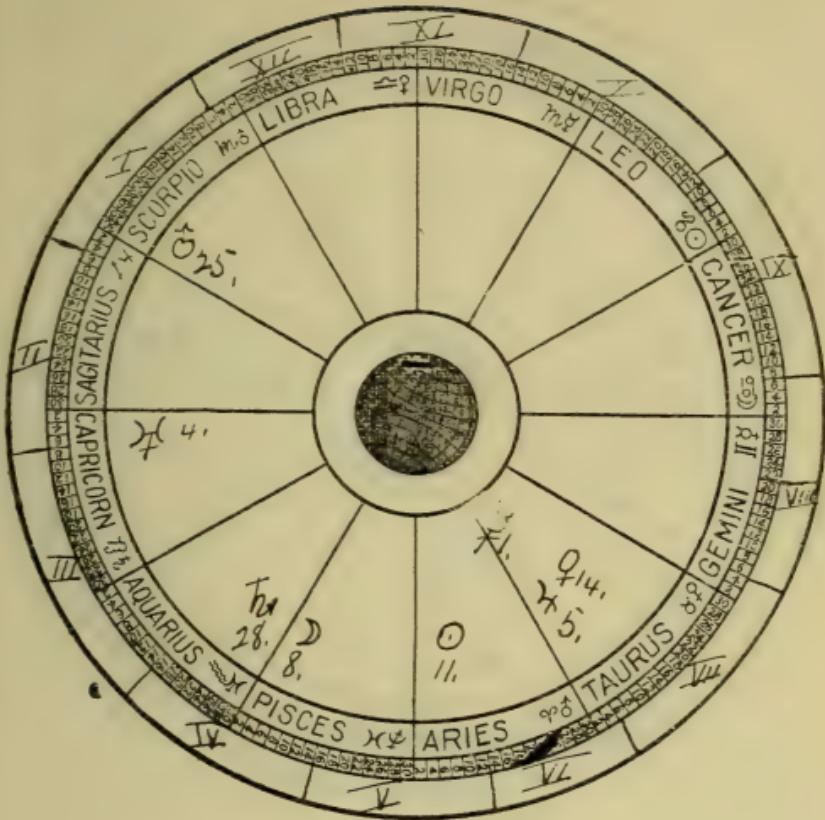
RUESSENS ch g $2:07\frac{1}{4}$, foaled 4. 27/1907/9:30

a. m. Sire, Prince of India $2:13\frac{1}{4}$ —Dam, Miss Sligo $2:10\frac{1}{4}$, by Sligo. Bred by S. DeRidder, Prospect, Ky. Record made at Detroit, Mich., Aug. 13, 1913, driven by E. F. Geers. Not advised as to sale price; total winnings, \$16,005.

Inherent speed influences: ♀ * ♀, ♀ □ ♀, □ ♂,
 □ ♀; ♂ 8 ♀, ♂ ♀; ♀ 8 ♀.

Accelerating speed influences: ♀ in I, ♀ in IX.

Predominating gait influence: ♀ Ruler of Asc.
 □ ♀—Trotting.



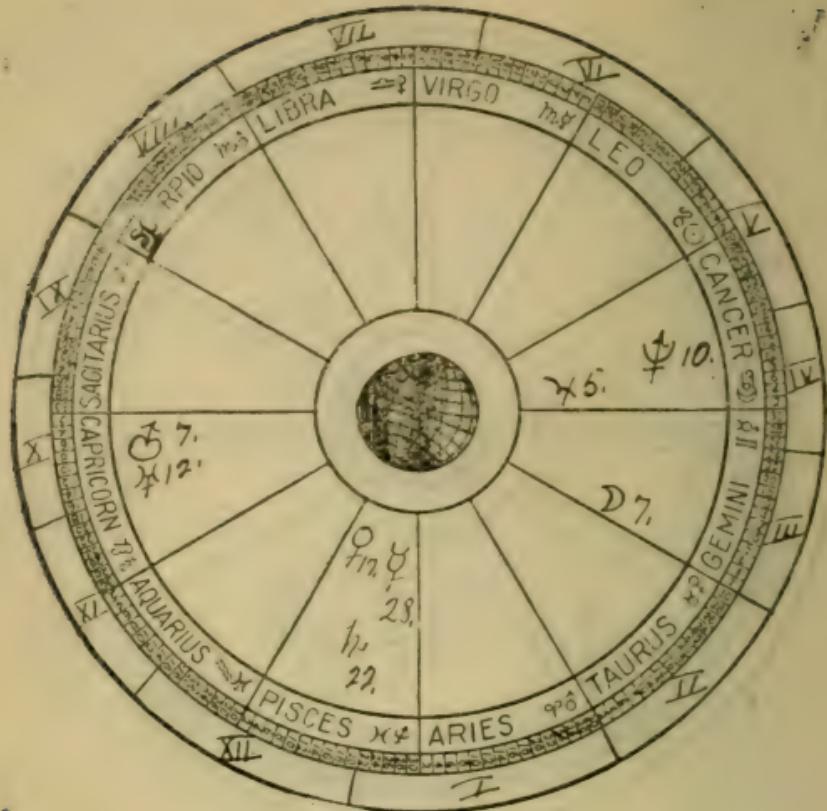
No. 49.

BINVOLA b h $2:07\frac{3}{4}$, foaled 4/1/1905/8:20 p. m. Sire, Bingar a 34707—Dam, Komura, by Kremlin $2:07\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Record made at Indianapolis, Ind., Sept. 4, 1911, driven by Ray Snedeker. Total winnings \$10,883; not advised as to sale price.

Inherent speed influences: $\odot * \wp$, $* \wp$, $* \wp$;
 $\wp \delta \wp$, $\Delta \wp$; $\wp \Delta \wp$.

Accelerating speed influences: δ in I.

Predominating gait influence: See comments on the gait.



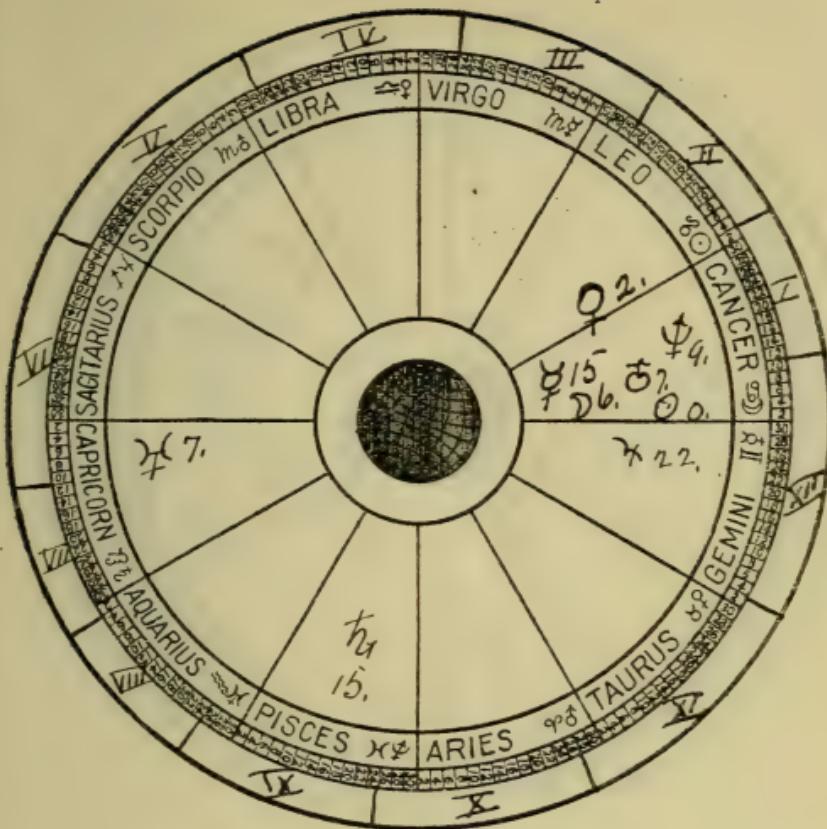
No 50.

MERRY DIRECT b h (p) 2:06 $\frac{3}{4}$, foaled 4/16/1907/4:00 a. m. Sire, Walter Direct, p, 2:05 $\frac{3}{4}$ —Dam, Merrylass, by Mercury C, p, 2:21. Bred by Chaffin Brothers, Columbia, Tenn. Record made at Milwaukee, Wis., Sep. 17, 1914, driven by C. T. Smith. Sold as a three-year-old for \$500; holds world's 5-mile ice record of 12:27 $\frac{1}{2}$; not advised as to his winnings.

Inherent speed influences: ♀ * ♀; ♀ □ ♀; ♂ 8
 ♀, ♂ ♀; ♀ 8 ♀.

Accelerating speed influence: ♂ & ♀ in X, ♀ in III; ♀ in I.

Predominating gait influence: ♀ ruler of Asc. ♂
 ♀ — Pacing.



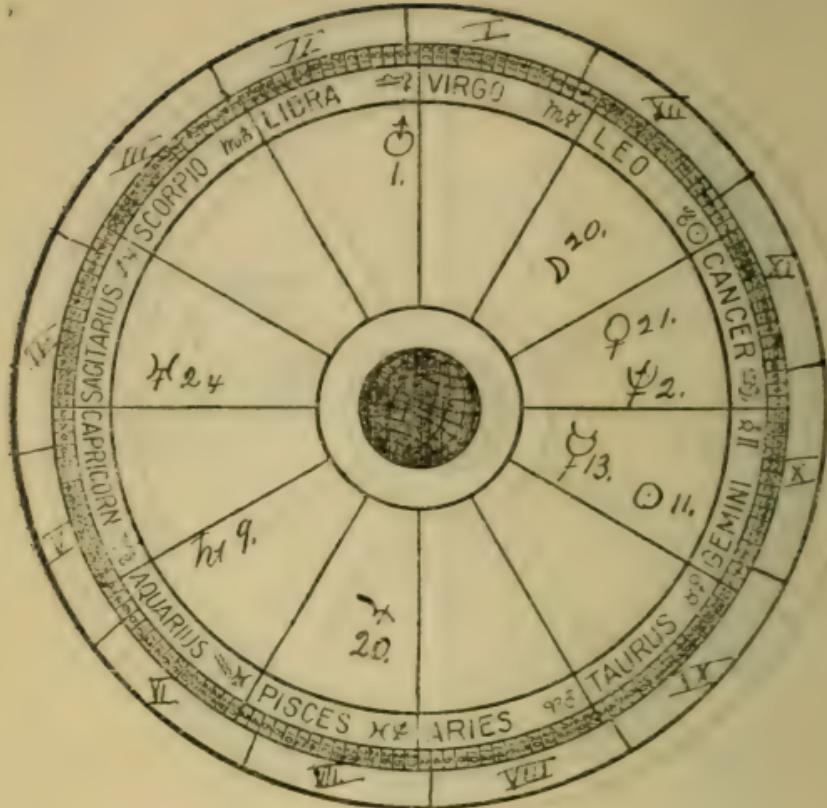
No. 51.

BERTHA CARY br m 2:08 $\frac{1}{4}$, foaled 6/22/1906/5:30 a. m. Sire, Zombro 2:11—Dam, Nell, by Bob Mason 2:27 $\frac{1}{2}$. Bred by Louis Pendleton, Lindsay, Calif. Record made at Detroit, Mich., Sept. 17, 1914, driven by Chas. L. DeRyder. First sold for \$225 when two years old, again sold for \$2,500; not advised as to her winnings.

Inherent speed influences: ♀ 6 ♀ & ♂, ♀ ♀, P 24;
 ♀ 6 ♂ P, 24, ♀ ♀; ♂ P 24, ♀ ♀.

Accelerating speed influences: ♀, ♀ & ♂ in I.

Predominating gait influence: ♀ ruler of Asc. P 24, 6 ♂—Trotting.



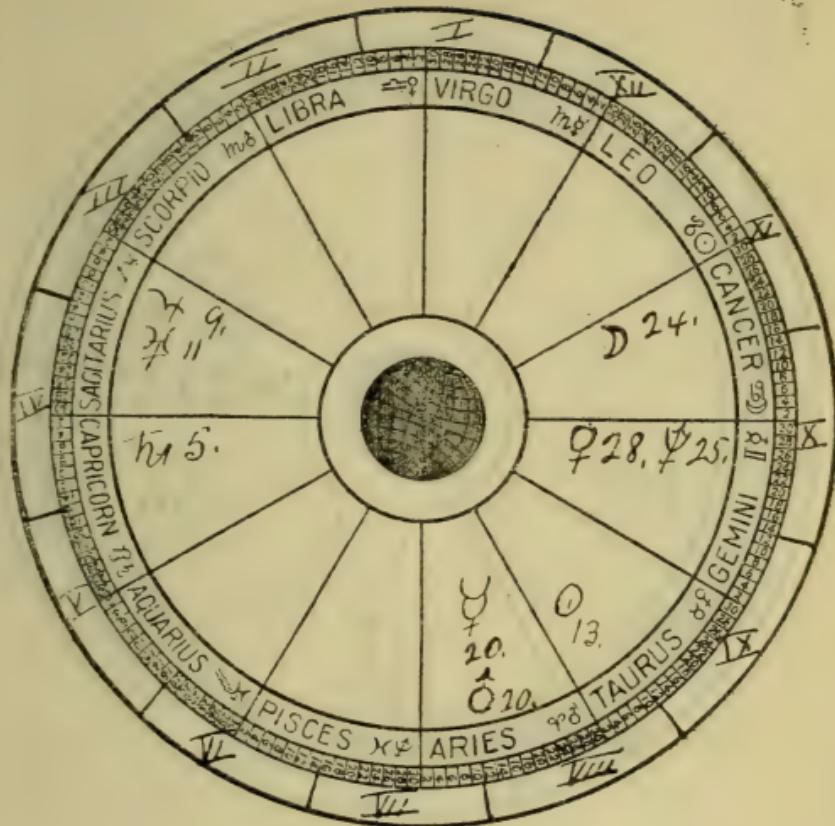
No. 52.

ARGOT HAL b h 2:07½ (p 2:04¼), foaled 6/1/1903/11:55 a. m.* Sire, Brown Hal, 2:12½—Dam, Lady Wildflower, by Duplex, p, 2:17¼. Bred by Argyle Campbell, Spring Hill, Tenn. Record made at Grand Rapids, Mich., July 25, 1911, driven by Jas. Benyon. Total winnings \$8,300. Argot Hal is the double-gaited king of the world.

Inherent speed influences: ♃ * ♀, △ ♀: ♀ □ ♀, ♀ ♀; ♀ □ ♀.

Accelerating speed influences: ♀ & ☽ in X.

Predominating gait influence. ♀ ruler of Asc. □ ♀—Trotting; and ♀ ruler of Asc. ♀—Pacing



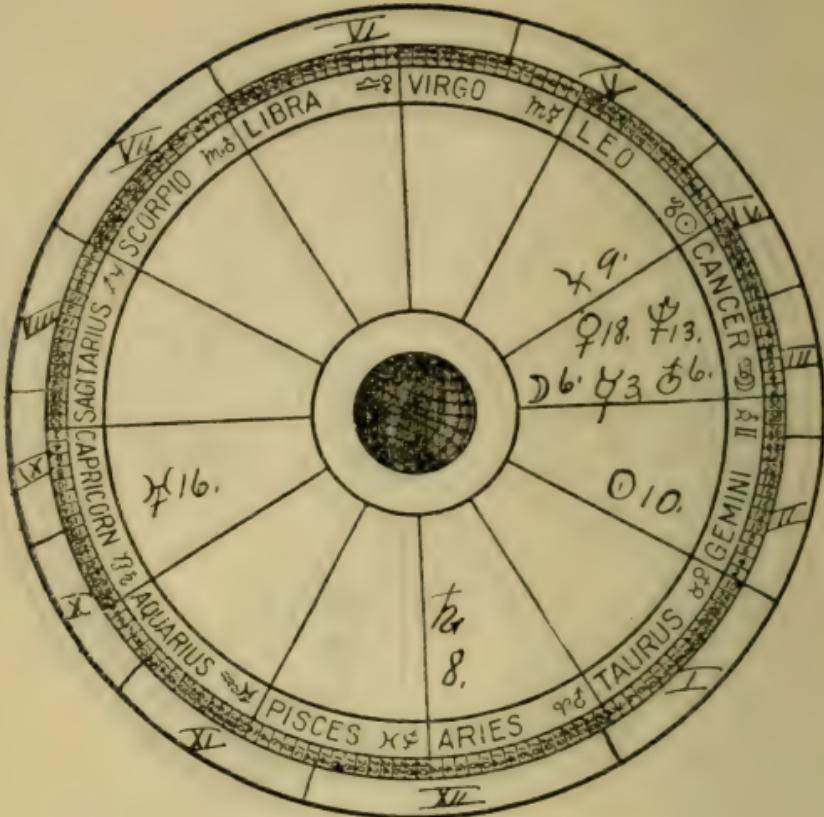
No. 53.

ALTA COAST b m 2:11½ (p 2:08¼), foaled 5/4/1900/2:00 p. m. Sire, Cuylercoast 2:11—Dam, Alice Onward, by Shadeland Onward 2:18½. Bred by Dr. H. H. McCullen, Linesville, Pa. Winnings \$9,680. The double-gaited queen of the world.

Inherent speed influences; $\text{D} \square \text{Y} \& \text{Z}$; $\text{Y} \circ \text{Z}$;
 $24 \circ \text{Z}$.

Accelerating speed influences: \odot in IX.

Predominating gait influence: ♀ ruler of Asc. &
♂ — Trotting: See comments on the gait.



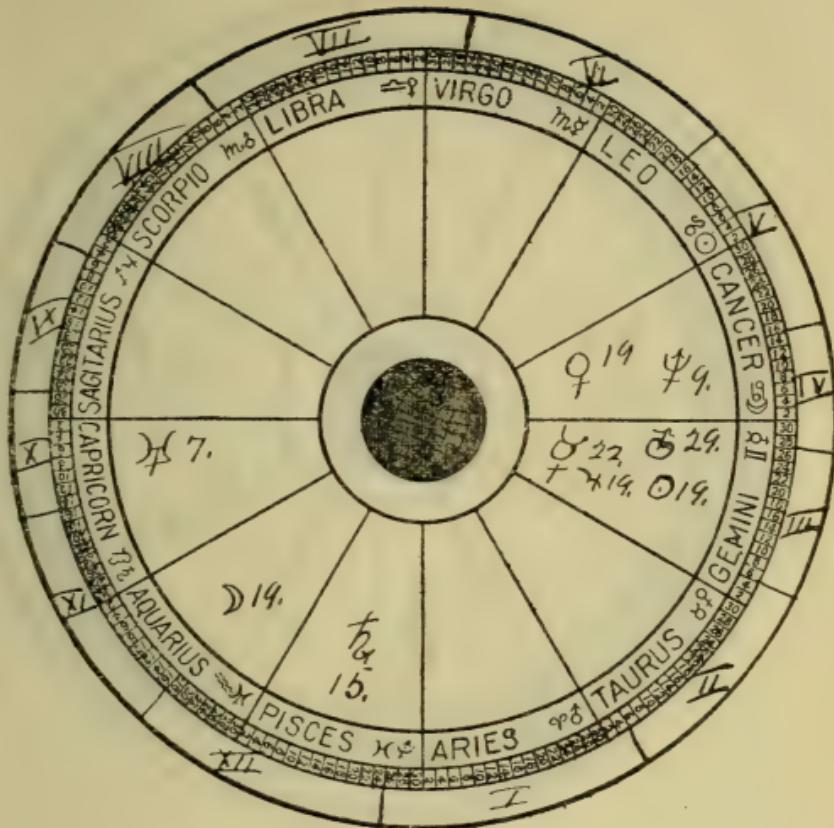
No. 54.

JUNE RED b m 2:08, foaled 6/1/1908/3:00 a. m. Sire, Red Medium, 2:23 $\frac{1}{4}$ —Dam, Rozel Maid, by Rozel Russell 12716. Bred by S. B. McCord, Paris, Ill. Record made at Indianapolis, Ind., Oct. 30, 1914, driven by J. R. Chandler. Not sold and her winnings about \$1,000. Her entries were largely for educational purposes; she will be staked on the grand circuit in 1915.

Inherent speed influences: ♀ 6 ♀ & ♂, ♀ ♀; ♀ ♂.

Accelerating speed influences: ♀, ♀ & ♂ in III, ♀ in IX.

Predominating gait influence: See comments on gait.



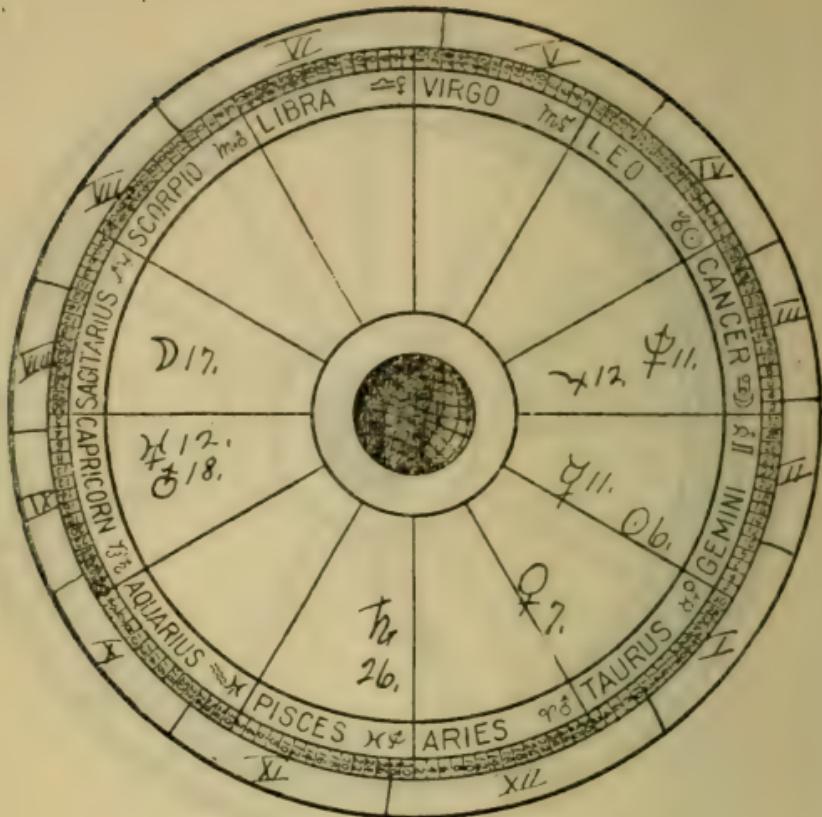
No. 55.

PEGGY JIM ch g (p) 2:07½, foaled 6/11/1906
/12:30 a. m.. Sire, Never Fail 39018—Dam, Min-
nie, by Fred Douglas 2:20¼. Bred by J. E. Rice,
Matthewson, Kan. Record made at Columbus,
Ohio, Nov. 10, 1914, driven by M. G. Strickland.
Sold several times for about \$120; not advised as
to his winnings.

Inherent speed influences: \textcircled{D} Δ ♀, Δ ♀, Δ ♂; ♀
♂ ♀, & ♂; P^W; ♀ P^W.

Accelerating speed influences: $\frac{W}{L}$ in X , $\frac{Y}{L}$ & $\frac{Y}{W}$ in Y .

Predominating gait influence: ♫ ruler of Asc. ♀
♀ - Pacing.



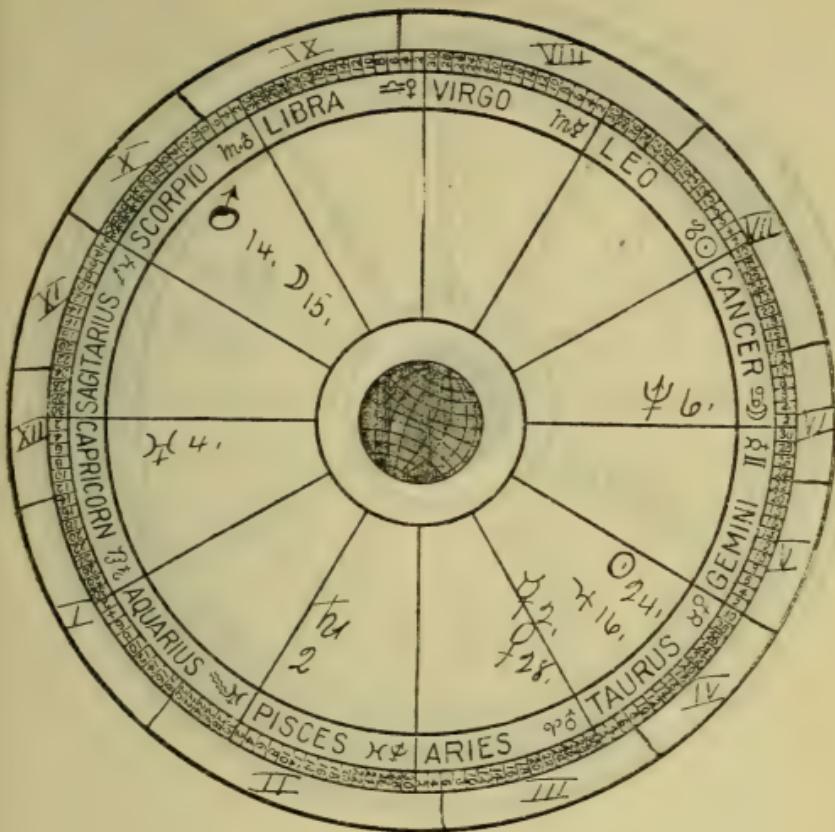
No. 56.

FLOWER DIRECT b m 2:01, foaled 5/28/1907/3:30 a. m.* Sire, Direct Star, p, 2:09 $\frac{3}{4}$ —Dam, Argyle Girl, by Brown Hal, p, 2:12 $\frac{1}{2}$. Bred by Cleburne Farm, Spring Hill, Tenn. Record made at Lexington, Ky., Oct. 8, 1913, driven by B. W. Whitehead. Total winnings \$14,856; not advised as to sale price, if ever sold.

Inherent speed influences: ☽ ♀, ☽ ☽; ☽ ☽ ☽, ☽ ☽ ☽; ☽ ☽ ☽, ☽ ☽ ☽; ☽ ☽ ☽.

Accelerating speed influences: ☽ ☽ in IX; ☽ in III.

Predominating gait influence. ☽ ruler of Asc. ☽—Pacing.



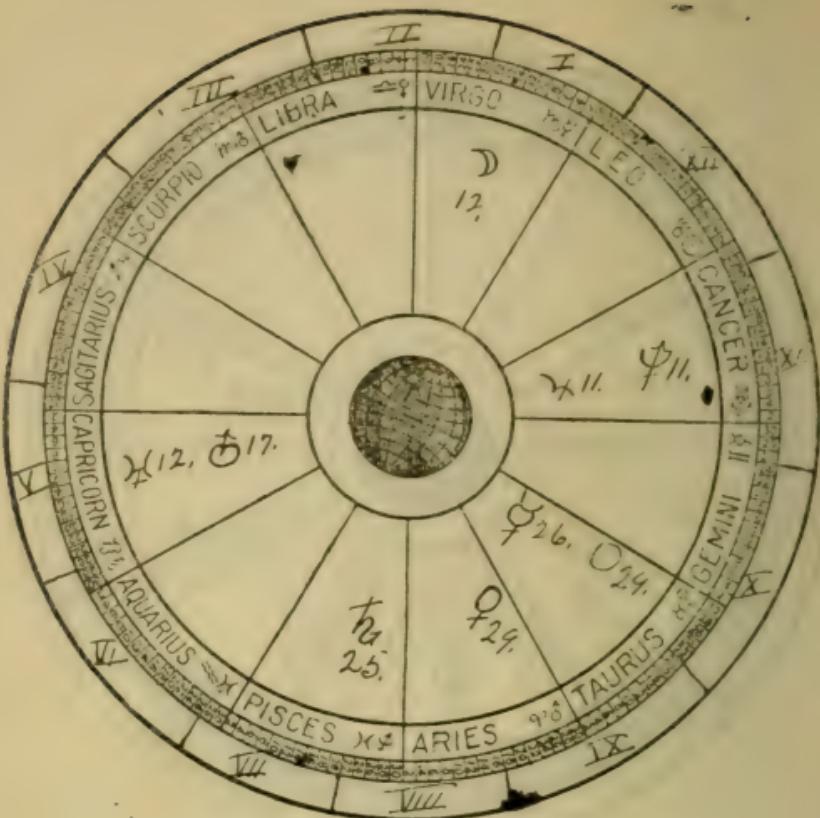
No. 57

DUDIE ARCHDALE b m $2:03\frac{1}{4}$, foaled 5/17/1905/10:45 p. m. Sire, Archdale 37204—Dam Dudie Egmont $2:15\frac{1}{2}$, by Egmont Chief $2:24\frac{1}{2}$. Bred by G. S. Harris, Hooper, Nebr. Record made at Columbus, Ohio, Sep. 24, 1913, driven by F. G. Jones. Total winnings \$47,488; not advised as to sale price, if ever sold.

Inherent speed Influences: ♂ ♂ ♂, ♀ ♀; ♀ △ ♀;
♂ ♀ ♀.

Accelerating speed influences: ♂ & ♂ in X.

Predominating gait influence: See comments on the gait.



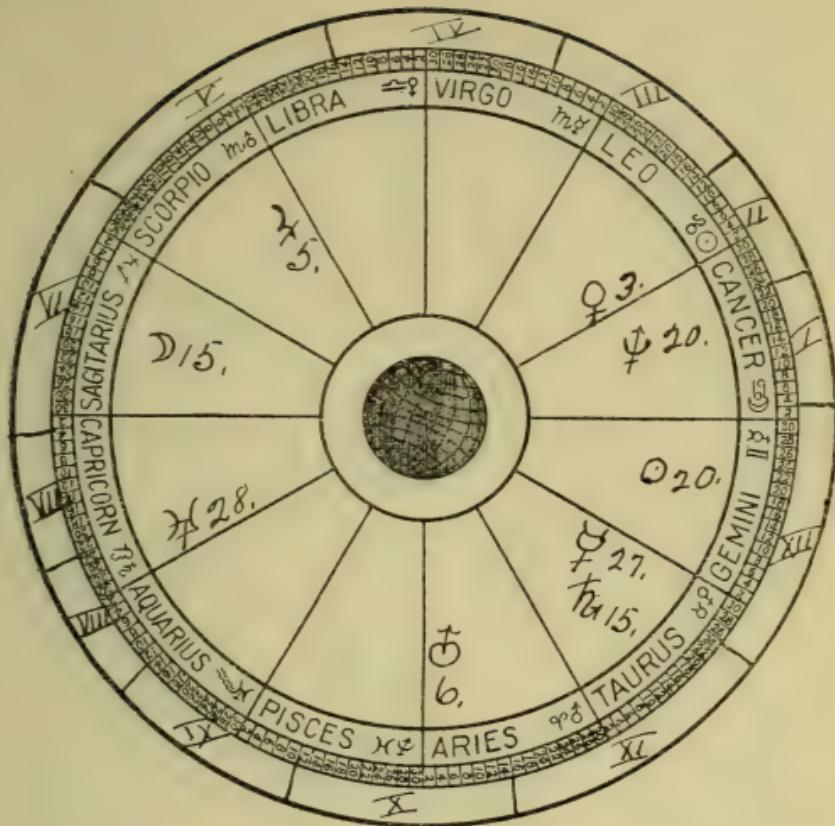
No. 60.

DIRECTUM I ch h 1:58, foaled 5/21/1907/11:15 a. m. Sir, Directum Kelly (4) 2:08 $\frac{1}{4}$ —Dam, Izetta 2:13 $\frac{1}{2}$, by Pactola 2:12 $\frac{3}{4}$. Bred by East View Farm, East View, N. Y. Record made at Columbus, Ohio, Sept. 30, 1914, driven by Ray Snedeker. Sold for reported price of \$45,000; total winnings \$25,225.

Inherent speed influences: ♀ * ♀, △ ♂, △ ♀;
♀ △ ♂; ♂ ♀; ♀ ♀ ♂ & ♀.

Accelerating speed influences: ♀ & ♂ in X.

Predominating gait influence: See comments and Rules on the gait.



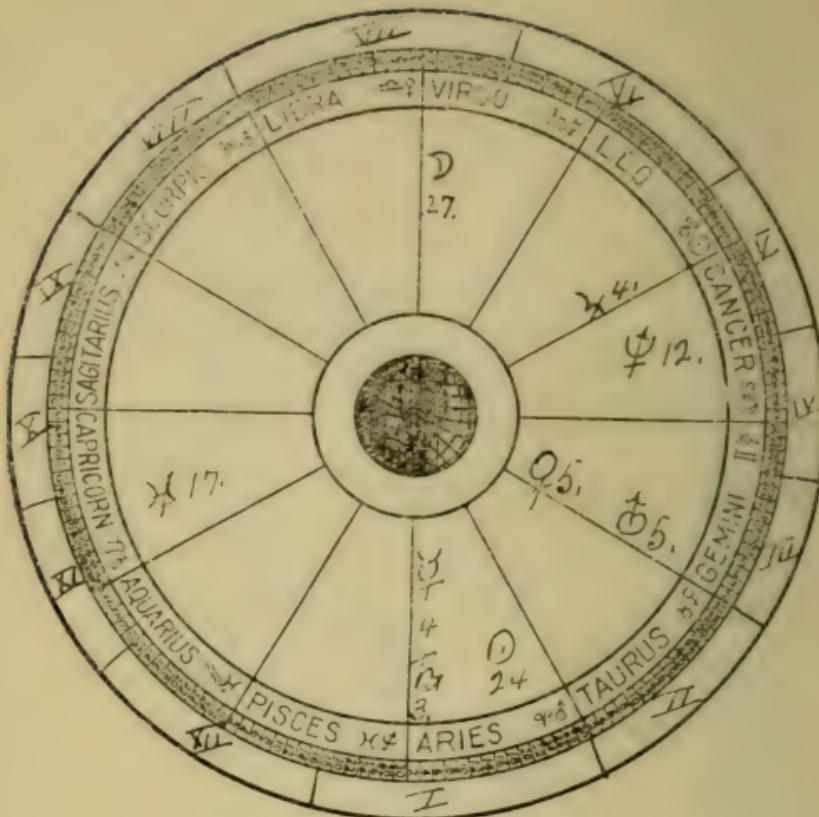
No.

LUCILE SPIER b m $2:07\frac{3}{4}$, foaled 6/11/1911/5:30 a. m. Sire, Directum Spier 4, $2:11\frac{1}{4}$ —Dam, Lucile 2:07, by Brummel 9679. Bred by Henry Schmulbach, Wheeling, W. Va. Record made at Grand Rapids, Mich., Aug. 3, 1914, driven by W. L. Snow. Sold as a two-year-old for \$310; won about \$1,500 in three starts.

Inherent speed influences: ♀ △ ♂ P ☽; ♀ △ ☽; ♀ ☽ ☽.

Accelerating speed influences: ♀ in ♀.

Predominating gate influence: ♀ ruler of Asc. △ ♂—Trotting.



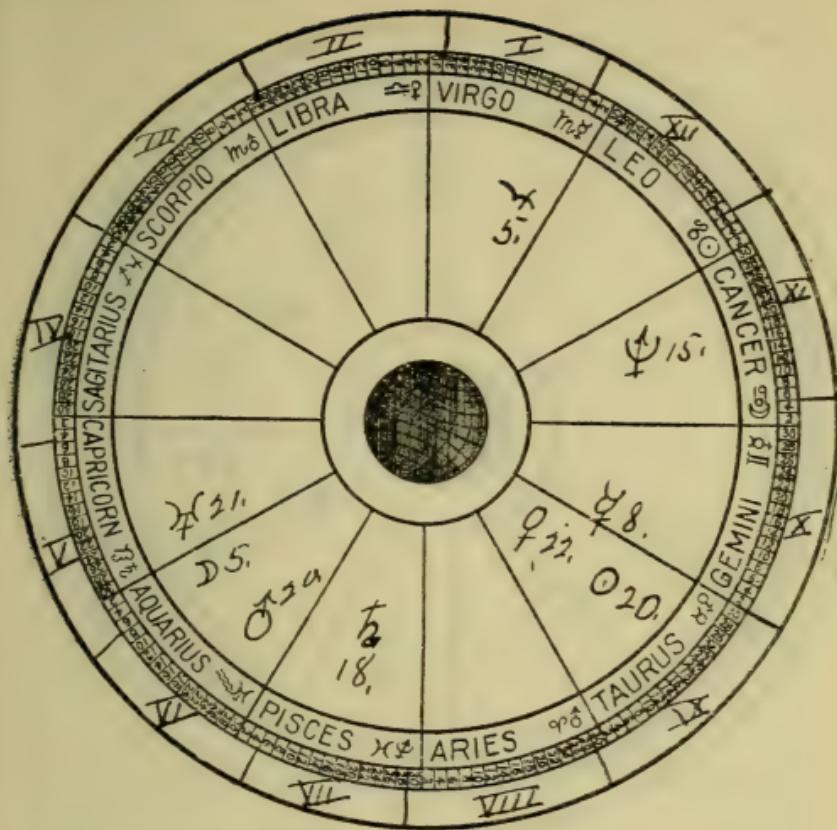
No. 62.

MAJOR WOOLWORTH br g (p) 2:05 $\frac{3}{4}$, foaled 4/14/1908/4:00 a. m. Sire, The Abbe 2:10- $\frac{1}{4}$ (p 2:04)—Dam, Queen Regent Ideal, by Mambrino King 1279. Bred by Ideal Stock Farm, East Aurora, N. Y. Record made at Syracuse, N. Y., Aug. 31, 1914, driven by F. M. Hubbard. Sold as a four-year-old for \$635; not advised as to his winnings.

Inherent speed influences: ♀ 8 ♀, ♂ 8, * 2; ♀ * 8, ♂ 2.

Accelerating speed influences: ♀, h & ☀ in I; ♂ in III.

Predominating gait influence: ♀ ruler of Asc. ♀ —Pacing.



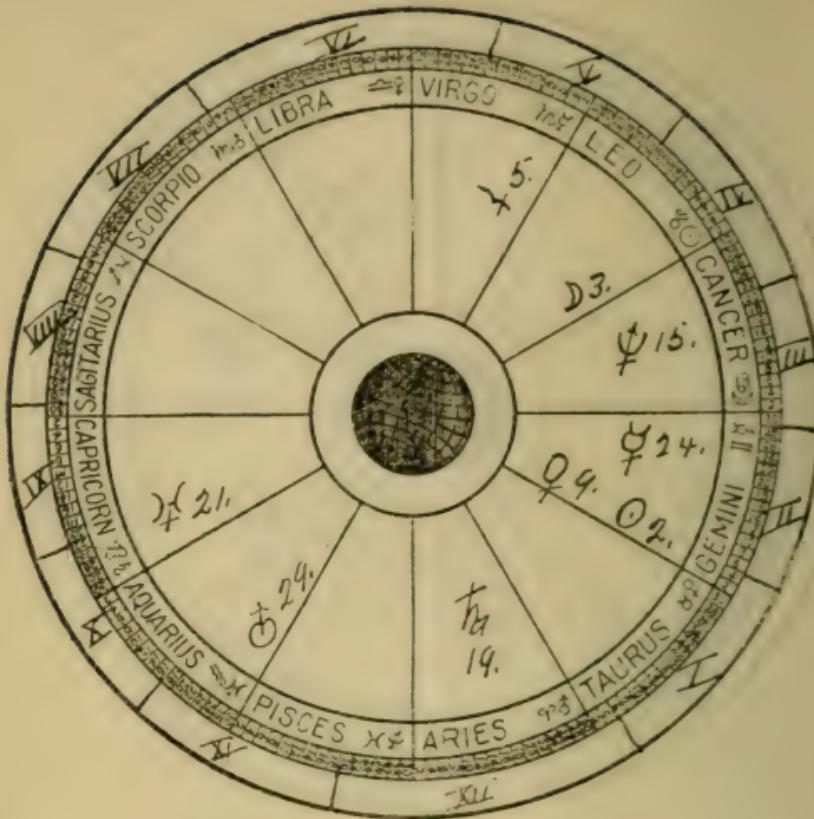
No. 63

LIZZIE BROWN b m 2:07 $\frac{1}{4}$, foaled 5/11/1909/12:06 p. m. Sire, The Bondsman 37640—Dam, Clyde, by Wilkes Boy 2:24 $\frac{1}{2}$. Bred by J. T. Brown, Chilesburg, Ky. Record made at Lexington, Ky., Oct. 5, 1914, driven by W. J. Andrews. Never sold; winning about \$4,000.

Inherent speed influences: ☽ △ ♀; ☽ P ☽; ♀ ☐ ȝ.

Accelerating speed influences: ♀ in X, ȝ in I.

Predominating gait influence: ♀ ruler of Asc. ☐ ȝ—Trotting.



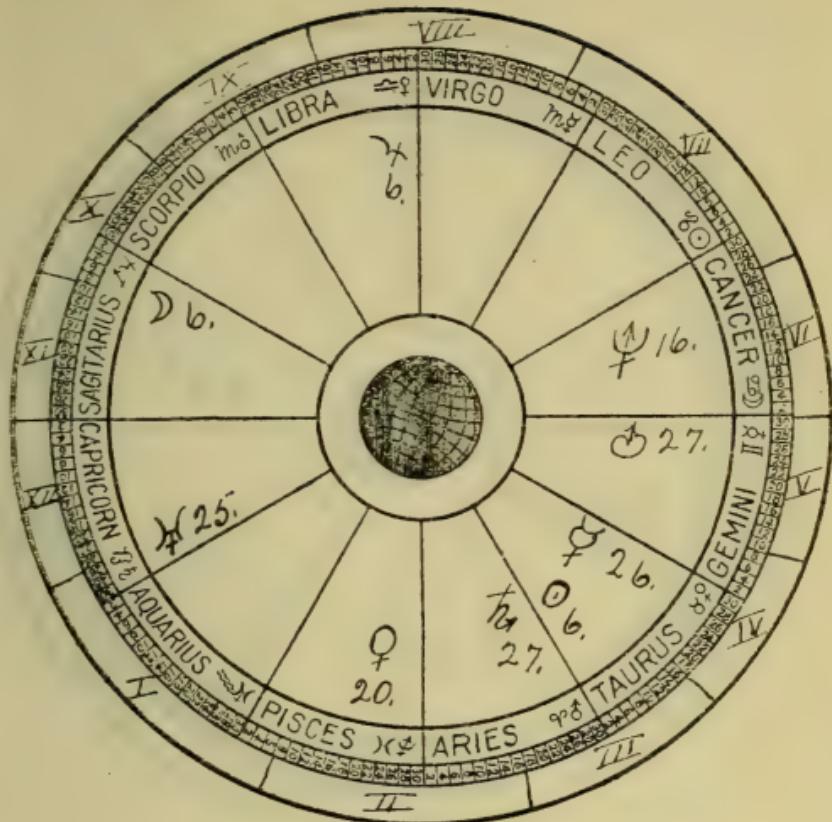
No. 64

NAPOLEON DIRECT ch h (p) 2:02½, foaled 5/24/1909/3:30 a. m. Sire, Walter Direct, p, 2:05 ¾—Dam, Lady Erect, by Erector 2:25. Bred by C. T. Jones, Columbia, Tenn. Record made at Columbus, Ohio, Sep. 21, 1914, driven by E. F. Geers. Not advised as to sale price if ever sold; winnings of 1914 were \$14,750.

Inherent speed influences: ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀

Accelerating speed influences: ♀ in X.P. ⊖.

Predominating gait influence: ♀ Ruler of Asc. P ♀ — *Pacing.*



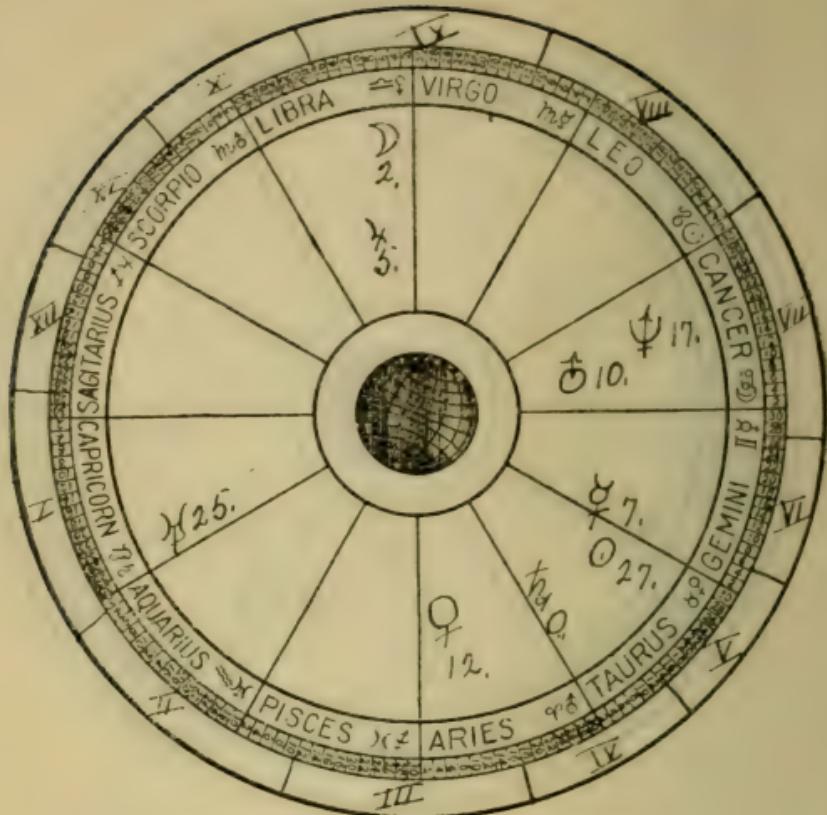
No. 65.

WILLIAM b h (p) 2:00, foaled 4/27/1910/12:30 a. m.* Sire, Abe J, (p) 2:10—Dam, Lizzie C, p, 2:20 $\frac{1}{2}$, by Jaywood 6551. Bred by A. E. Van Atta, Otterbein, Ind. Record made at Grand Rapids, Mich., Aug. 5, 1914, driven by W. W. Marvin. Never sold; total winnings \$10,100. World's champion four-year-old pacer.

Inherent speed influences: ☽ * ☽, ☽ △ ☽; ☽ * h.

Accelerating speed influences: ☽ in I in X; ☽ in I:

Predominating gait influence; ☽ h ruler of Asc. ☽ ☽—Pacing,



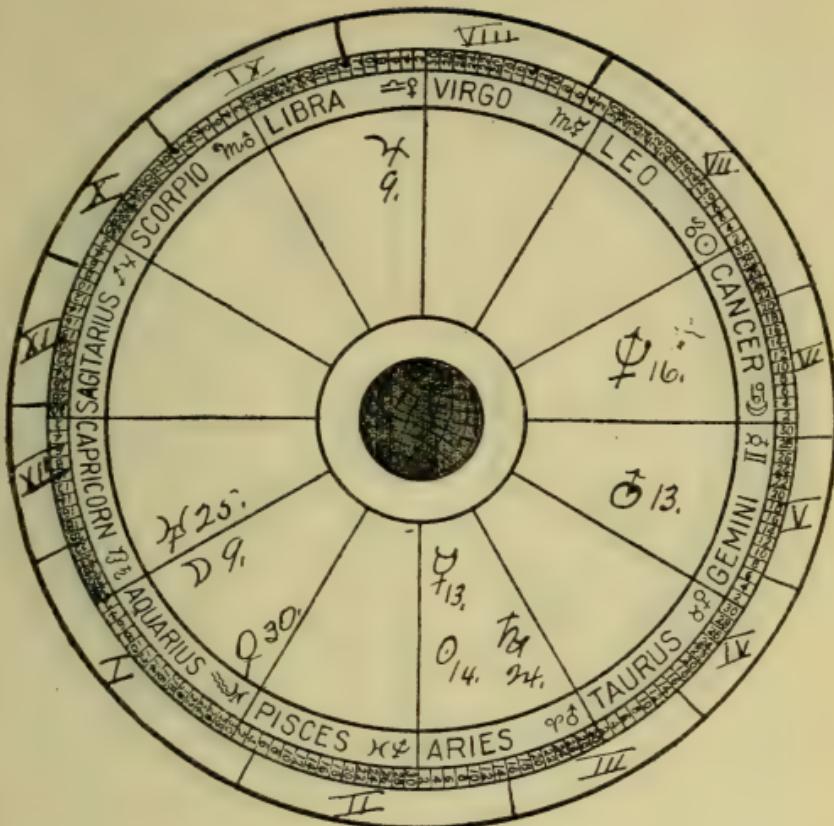
No. 66.

NOWADAY GIRL b f (2) 2:16½, foaled 5/18/1910/9:15 p. m.* Sire, Mac Dougail 2:10¼—Dam, Nowaday (3) 2:14¼, by Lookaway 2:22½. Bred by C. W. Lasell, Whitinsville, Mass. Three-year-old record of 2:13¾, made at Goshen, N. Y., Aug. 19, 1913, driven by C. W. Lasell. Warnings as a two and three-year-old \$7,100. Holds world's two-year-old half-mile track record of 2:16½.

Inherent speed influences: ♀ ♂ ¼, △ ♀, □ ♂; ♀ △ ¼; ♂ □ ¼.

Accelerating speed influences: ♀ in I. ♀ & ¼ in IX.

Predominating gait influence: See comments on the gait.



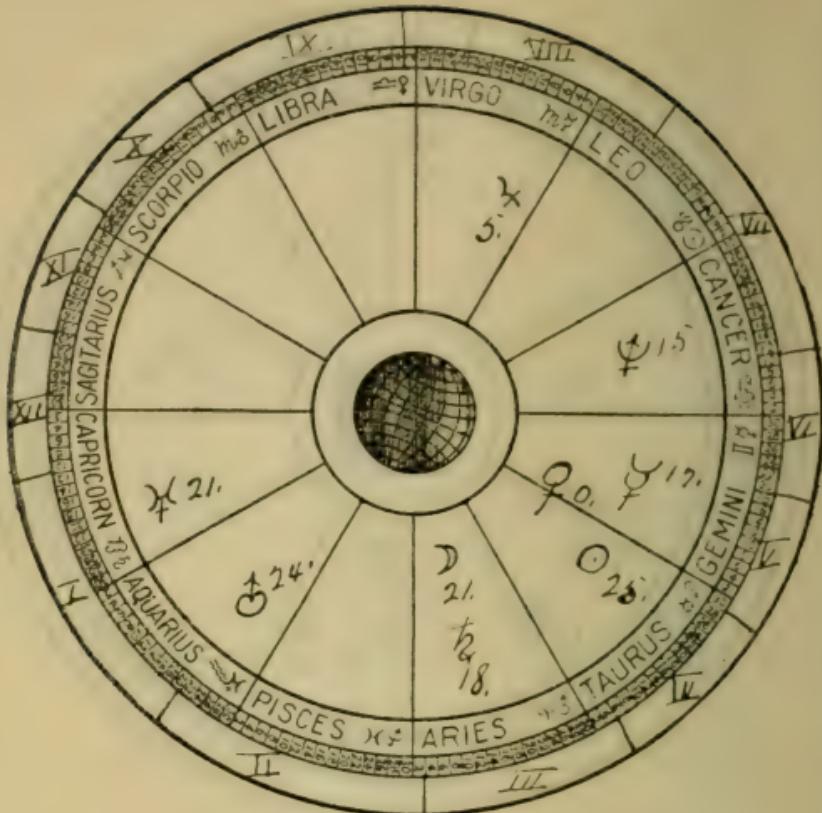
No. 67.

DIRECT GENTRY b h (p) 2:05 $\frac{1}{4}$, foaled 4/4/1910/11:00 p. m. Sire, Directly, p, 2:03 $\frac{1}{4}$ —Dam, Laura Fay 2:22 $\frac{1}{4}$, by John R. Gentry, p, 2:00 $\frac{1}{2}$. Bred by W. J. McAleer, Hammond, Ind. Record made at Peoria, Ill., Aug. 7, 1914. Not advised as to sale price, if ever sold, nor his total winnings.

Inherent speed influences: ♀ Δ ♀, * ♀, Δ ♂; ♀ * ♂, ♀ ♀; ♂ Δ ♀.

Accelerating speed influences: ♀ & ♀ in I, ♀ in IX. ♀ ⊖ & ♀ in III.

Predominating gait influence: ♀ ruler of Asc. □ ♀ — *Pacing.*



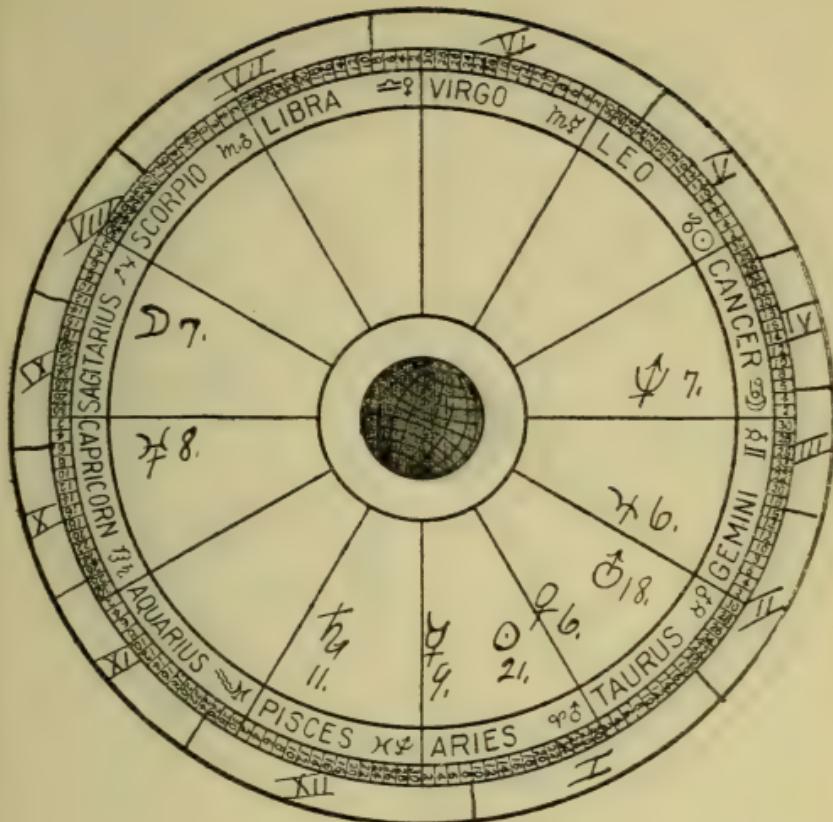
No. 68

PANA BELLE ch m (p) 2:08½, foaled 5/16/1909/10:30 p. m. Sire, Waltz 2:22¼—Dam, Clara Nutpine, p, 2:16¼. Bred by C. F. Turner, Pana, Ill. Record made at Springfield, Ill., July 14, 1914, driven by C. G. Wilson. Never sold; not advised as to total winnings, though about \$1200 in 1914.

Inherent speed influences: ♃ * ♀. * ♂, □ ♉; ♀ △ ♂.

Accelerating speed influences: ♉ in I, ♃ in III.

Predominating gate influence: h ruler of Asc. □ ♉—Pacing.



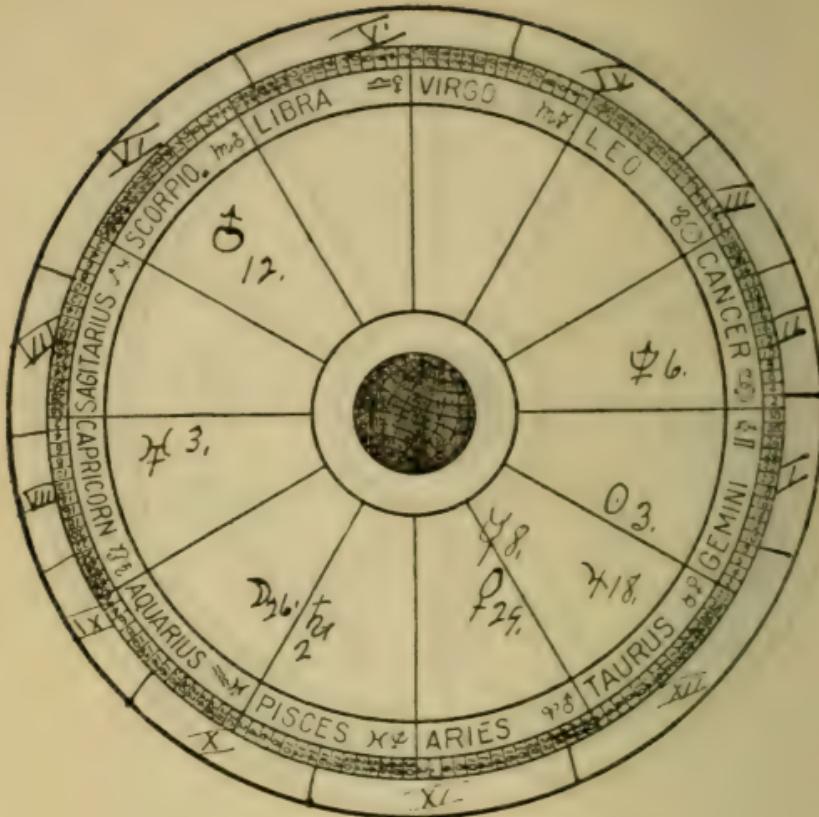
No. 69

ROSS B b g 2:04 $\frac{1}{4}$, foaled 4/12/1906/5:00 a. m. Sire, Petronius 34394—Dam, Pansy, by Don Corbet, p, 2:09 $\frac{3}{4}$. Bred by C. M. Bump, Canton, Ill. Record made at Lexington, Ky., Oct. 10, 1913, driven by William Donahue. Not advised as to sale price, if ever sold; total winnings \$6,737.

Inherent speed influences: ♂ Δ ♀, ♀ ♀; ♀ □ ♀, * ♀.

Accelerating speed influences: ♀ in X; ♂ in I in IX.

Predominating gait influence: See comments on the gait.



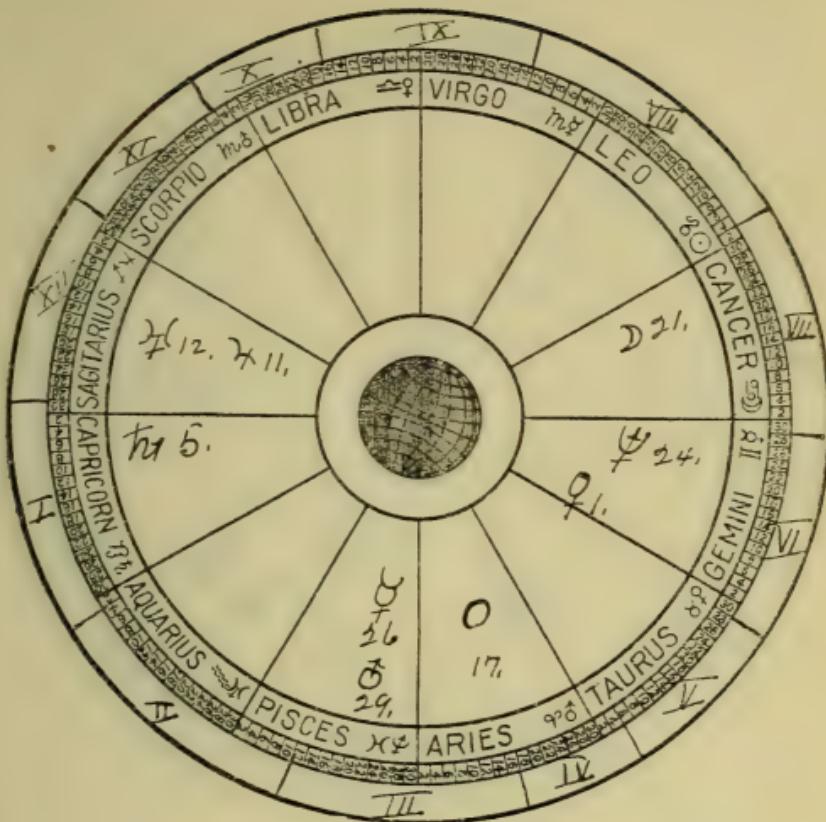
No. 70

OAKDALE gr g 2:06 $\frac{3}{4}$, foaled 5/25/1905/5:00 a. m. Sire, Normaneer 5444—Dam, Alice Onward, by Shadeland Onward 2:18 $\frac{1}{4}$. Bred by Hugh McMullen, Linesville, Pa. Record made at Grand Rapids, Mich., Aug. 5, 1914, driven by Lon McDonald. Do not know sale price; total winnings \$13,363.

Inherent speed influences: ♀ * ♀, ♀ △ ♀ 8 ♂, ♀ 8 ♀.

Accelerating gait influences: ♀ & ♀ in X.

Predominating gait influence: ♀ ruler of Asc. ♂ ♀ & 8 ♂—Trotting.



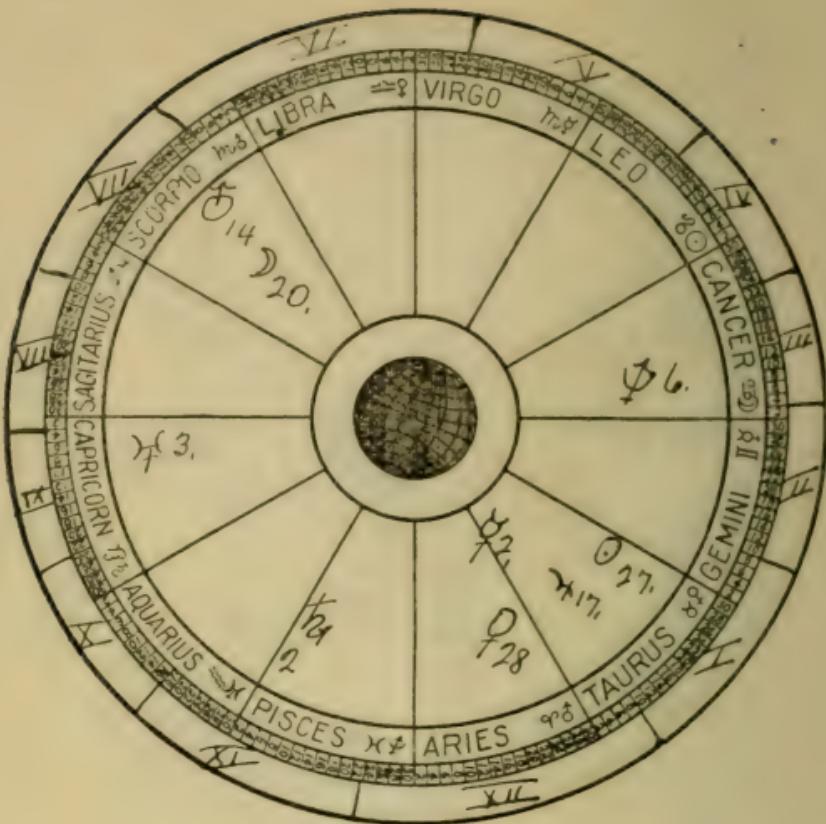
No. 71

WALTER DIRECT b h (p) 2:05 $\frac{1}{4}$, foaled 4/6/1900/11:55 p. m. Sire, Direct Hal, p, 2:04 $\frac{1}{4}$. Do not know the winnings of Walter Direct, nor his sale price, if ever sold. He is one of the greatest sires of pacers.

Inherent speed influences: $\text{D} \Delta \text{\texttt{Y}}$, $\Delta \text{\texttt{Z}}$, $\text{\texttt{Y}} \text{\texttt{O}} \text{\texttt{Z}}$;
 $\text{\texttt{Y}} \text{\texttt{O}} \text{\texttt{Z}}$.

Accelerating speed influence: $\text{\texttt{Y}} \& \text{\texttt{Z}}$ in III.

Predominating gait influence: $\text{\texttt{Y}}$ ruler of Asc. $\text{\texttt{O}}$
 $\text{\texttt{Y}}$ — Pacing.



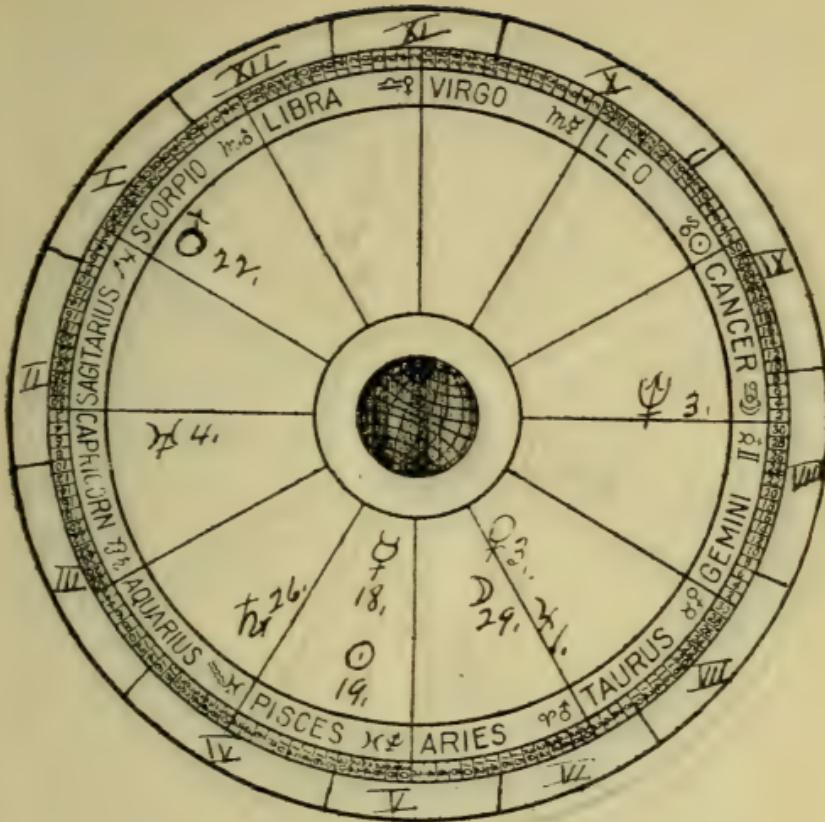
No. 72

McCLOSKY b g 2:06 $\frac{1}{4}$ foaled 5/18/1905/4:00
a. m. Sire, Theodosius 2:18 $\frac{1}{2}$ —Dam, Maggie C,
by Odd Socks 2:20 $\frac{1}{2}$. Bred by George Cormick,
New Harmony, Ind. Record made at Kalamazoo,
Mich., Aug. 11, 1914, driven by Lon McDonald.
Sold for \$4,500; total winnings \$10,665.

Inherent speed influences: $\textcircled{1} \textcircled{2} \textcircled{3} \textcircled{4} \textcircled{5} \textcircled{6} \textcircled{7} \textcircled{8} \textcircled{9} \textcircled{10}$; $\textcircled{11} \textcircled{12} \textcircled{13} \textcircled{14} \textcircled{15} \textcircled{16} \textcircled{17} \textcircled{18} \textcircled{19} \textcircled{20}$;

Accelerating speed influences: ♂ & ♀ in I, ♀ in IX.

Predominating gait influence: See comments on the gait.



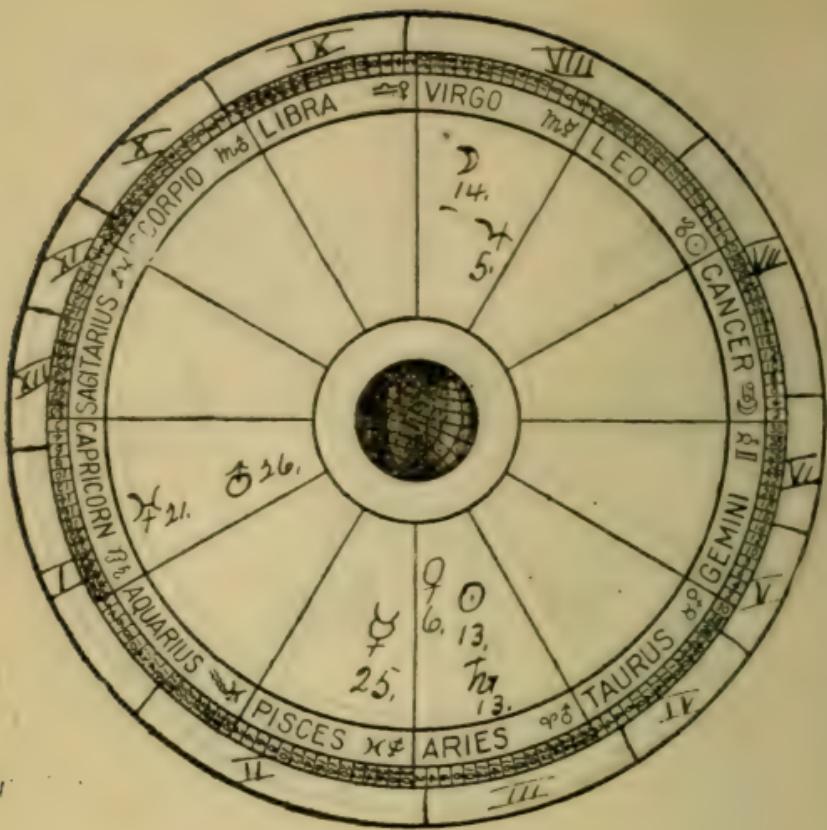
No. 73

AQUILL b m $2:08\frac{1}{4}$, foaled 3/9/1905/10:00 p. m. Sire, Aquilin $2:19\frac{3}{4}$ —Dam, Ka $2:23\frac{1}{4}$, by Kremlin $2:07\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Record made at Galesburg, Ill., Aug. 22, 1913, driven by John McQuaig. Not advised as to sale price or winnings.

Inherent speed influences: ♀ ♂ ♀, ♂ ♀; ♀ ♂ ♂, ♀ ♂ ♀.

Accelerating speed influences: ♂ in I.

Predominating gait influence: See comments on the gait.



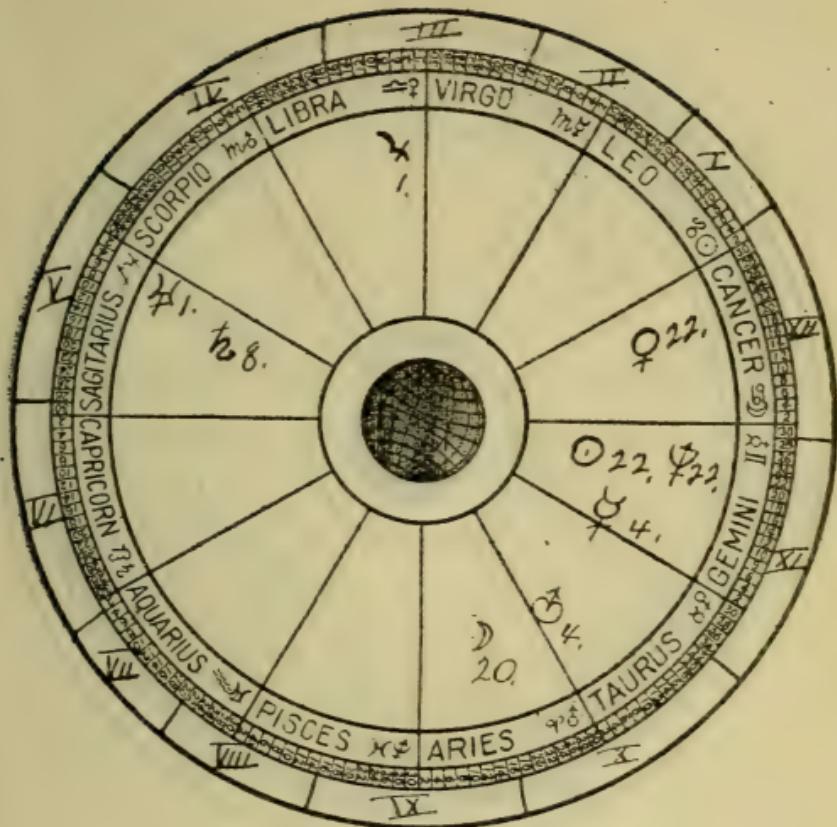
No 74.

DAZZLE PATCH b h (p) 2:02, foaled 4/3/1909/1:35 a. m. Sire, Dan Patch, p, 1:55—Dam, Renline, by Online 2:04. Bred by International 1:55 Horse Farm, Savage, Minn. This has been a sensational performer since he paced a half in 59 seconds, when only 28 months old. His owner hopes to lower the record of his immortal sire, Dan Patch 1:55, with Dazzle Patch.

Inherent speed influences: ☽ ♀. △ ♂ & ♀. ☽ 21; ♀ * ♂ & ♀; ☽ ♂ ☽ ♀.

Accelerating speed influences: ☽ & ♂ in I, ♀. ☽ & ☽ in III; ♀ △ Asc.

Predominating gate influence: ☽ ruler of Asc.
□ ♀ — Pacing.



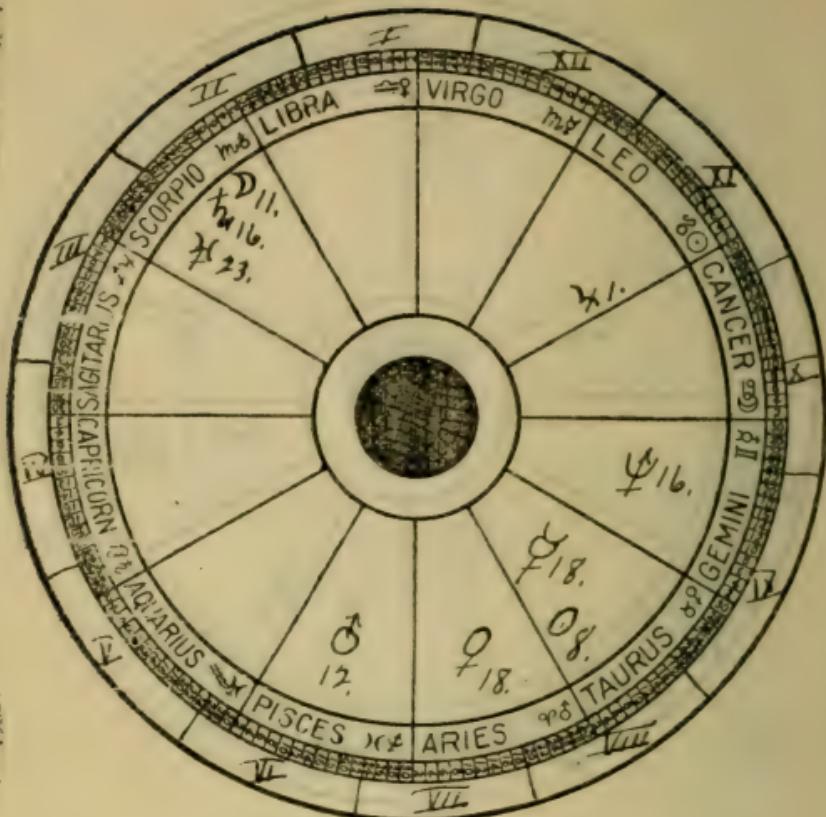
No. 75

KAVALLI b h (p) 2:07 $\frac{3}{4}$, foaled 6/13/1898, 7:30 a. m. Sire, Kremlin 2:07 $\frac{3}{4}$ —Dam, Almera, dam of six. Bred by Allen Farm, Pittsfield, Mass. Not advised as to sale price and winnings. Kavalli is the sire of ten trotters and five pacers in the list.

Inherent speed influences: ♀ △ 24, ♂ ♀; 24 * ♀.

Accelerating speed influence: 24 in III, 20 in X,

Predominating gait influence: ♀ ♂ ♀ — Pacing.



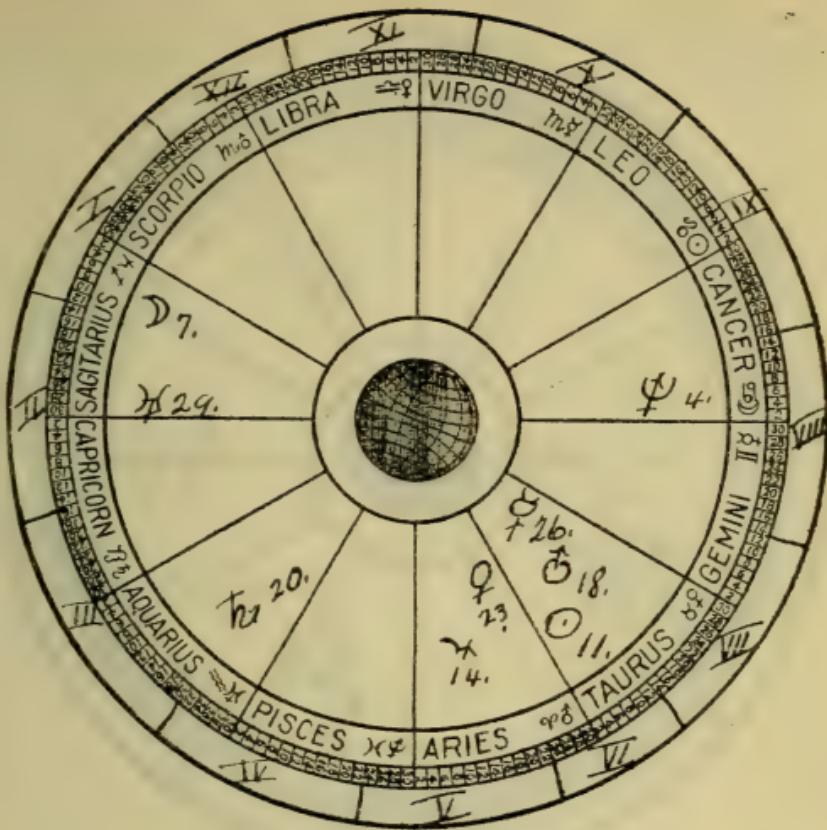
No. 76.

DIRECT HAL bl h 2:04 $\frac{1}{4}$, foaled 4/27/1896/3:00 p. m. Sire, Direct, p, 2:05 $\frac{1}{2}$ —Dam, Bessie Hal, by Tom Hal 16934. Bred by E. F. Geers and McCurdy Bros., Lowndesboro, Ala. Record made at Providence, R. I., Aug. 26, 1902, driven by E. F. Geers. Winner of about \$35,000 in purses and stakes.

Inherent speed influences: ☐ ♀ ♀. △ ♂. □ ♁;
♀ * ♂, ♀ ♁.

Accelerating speed influences: ♀ in III, ♀ in IX.

Predominating gait influence: ♀ ruler of Asc. ♀
—Pacing.



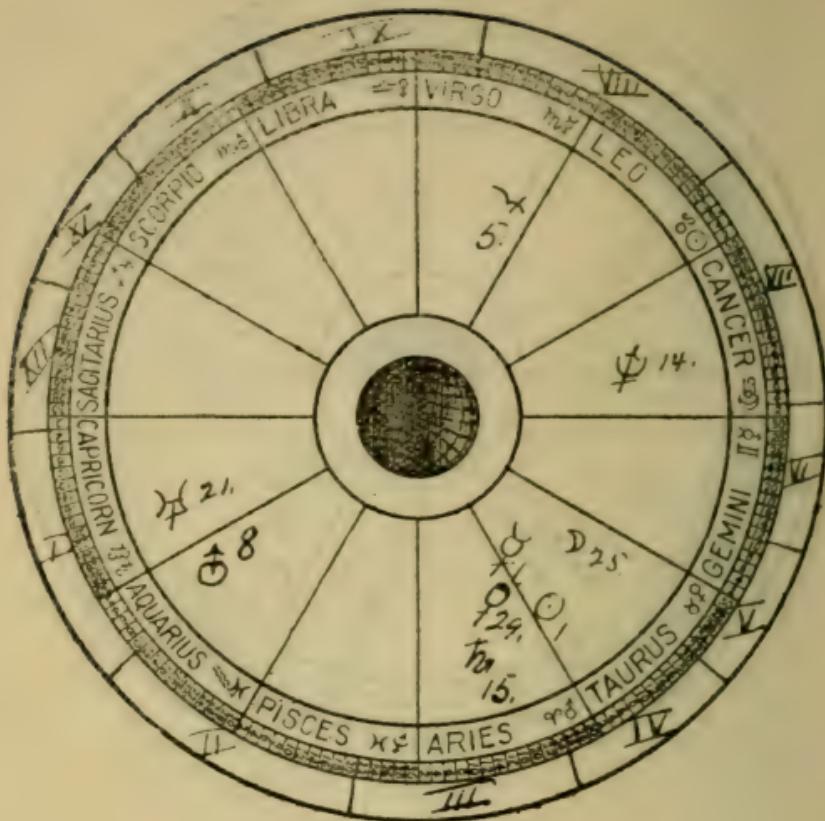
No. 77.

BERTINI b h (3) 2:22 $\frac{1}{4}$, foaled 5/1/1904/6:50 p. m. Sire, Bingen 2:06 $\frac{1}{4}$ —Dam, Kiel (3) 2:29 $\frac{3}{4}$, by Kremlin 2:07 $\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Bertini is one of the finely bred stallions at the Allen Farm, and his chart shows that he will sire extreme speed.

Inherent speed influences: Δ \triangle Δ ; \diamond \diamond \diamond .

Accelerating speed influences: \mathbb{D} in 1.

Predominating gait influence: $\frac{4}{5}$ $\frac{3}{5}$ ruler—
Trotting.



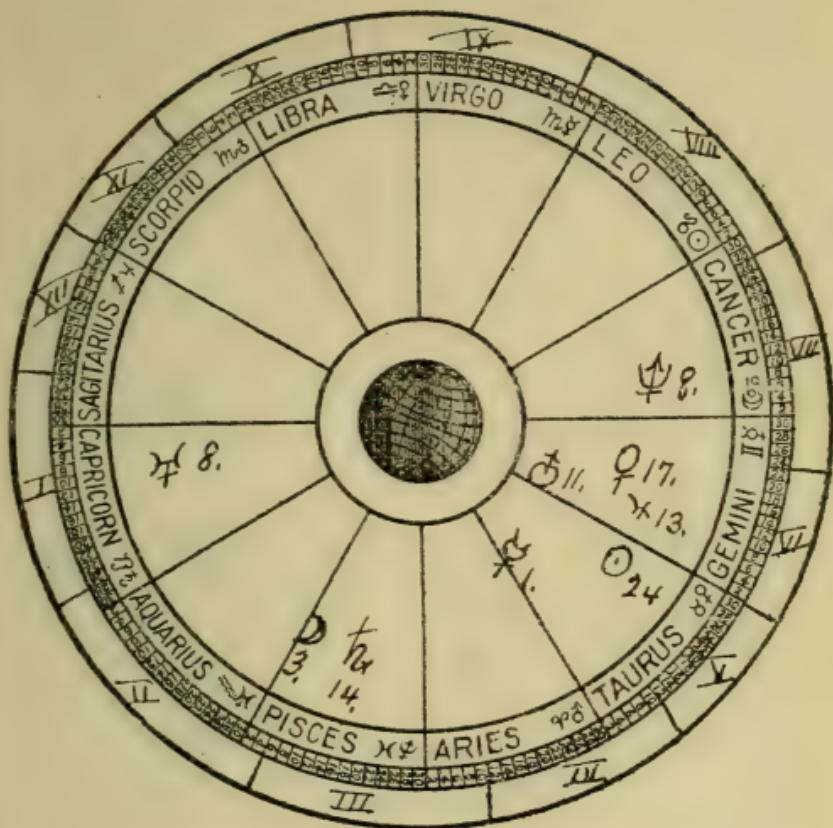
No. 78.

DON C ch g (p) 2:06½, foaled 5/21/1909/9:25 p. m.* Sire, Mexican Chief 42356—Dam, by Hedgewood Boy, p; 2:01. Bred by Lewis Schutte, Livingston, Ill. Record made at Springfield, Ill., Sep. 21, 1914, driven by Henry Hawkins. First sold for \$425, and later sold for \$3000; Not advised as to winnings nor sale price, if ever sold.

Inherent speed influences: ☽ Δ ♕, ♈ Δ ♐, □ ♈.

Accelerating speed influences: ☽ in I.

Predominating gait influence: ☽ ruler of Asc. □
—Pacing.



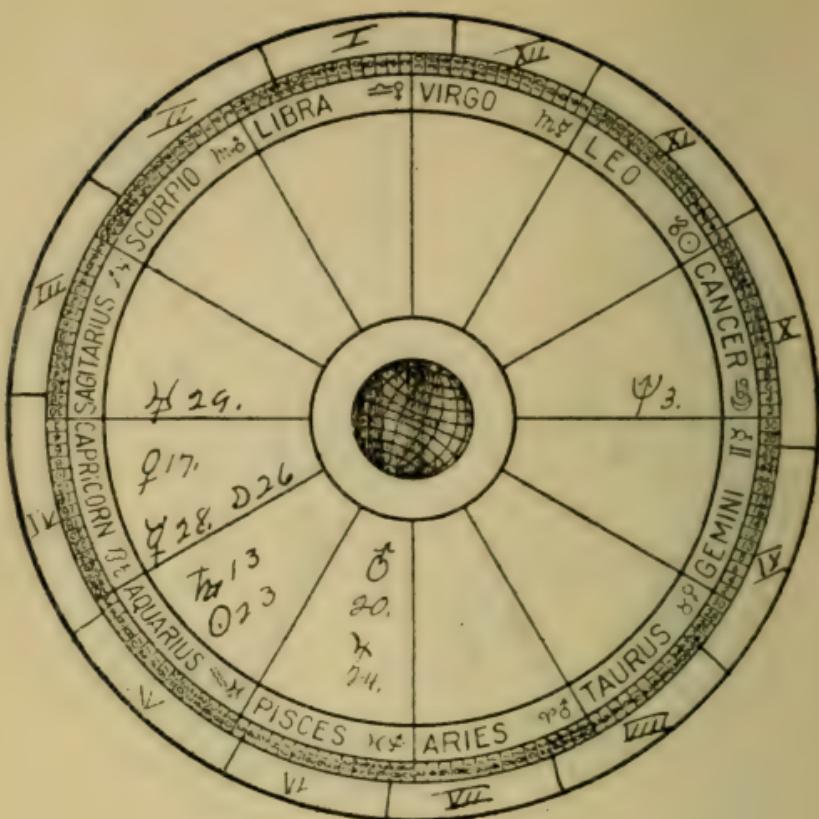
No. 79.

F. S. WHITNEY b h 2:09 $\frac{1}{4}$, foaled 5/15/1906/10:00 p. m. Sire, F. S. Turner 2:24—Dam, By Guy, by Guy Wilkes 2:15 $\frac{1}{4}$. Bred by Frank S. Turner, Santa Rosa, Calif. Record made at Los Angeles, Calif., July 15, 1914, driven by W. G. Durfee. Sold for \$250, winnings about \$3500 in nine starts.

Inherent speed influences: ♀ * ♀, * ♀; ♀ △ ♀;
♂ ♂ ♀.

Accelerating speed influences: ♀ in I, ♀ & h in III.

Predominating gait influence. ♀ ruler of Asc, ♂ ♂ — Trotting.



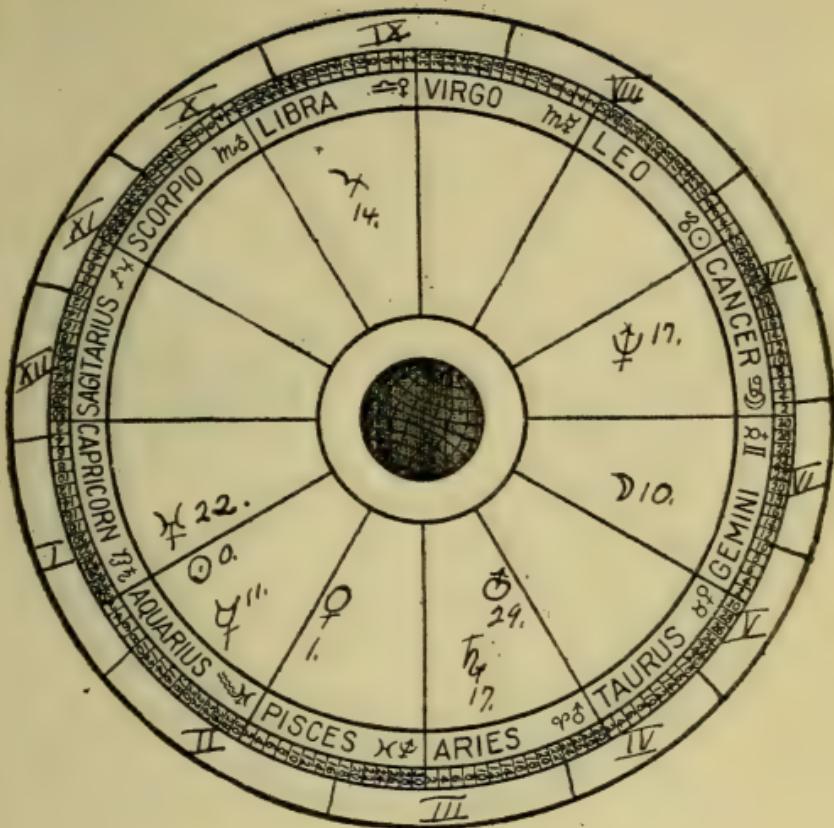
No. 80.

AQUIN b h 2:08, foaled 2/3/1904/8:15 p. m.
 Sire, Aquilin 2:19 $\frac{3}{4}$ —Dam, Ka 2:23 $\frac{1}{4}$, by Kremlin 2:07 $\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Record made at Detroit, Mich., Sep. 23, 1911, driven by A. Rathbun. Not advised as to sale price and winnings.

Inherent speed influences: ♀ 6 ♀, * ♂ & ♀: ♀
 * ♂ & ♀: ♂ 6 ♀; ♀ □ ☽.

Accelerating speed influences: None.

Predominating gait influence: ♀ ruler of Asc. * ♀—Trotting.



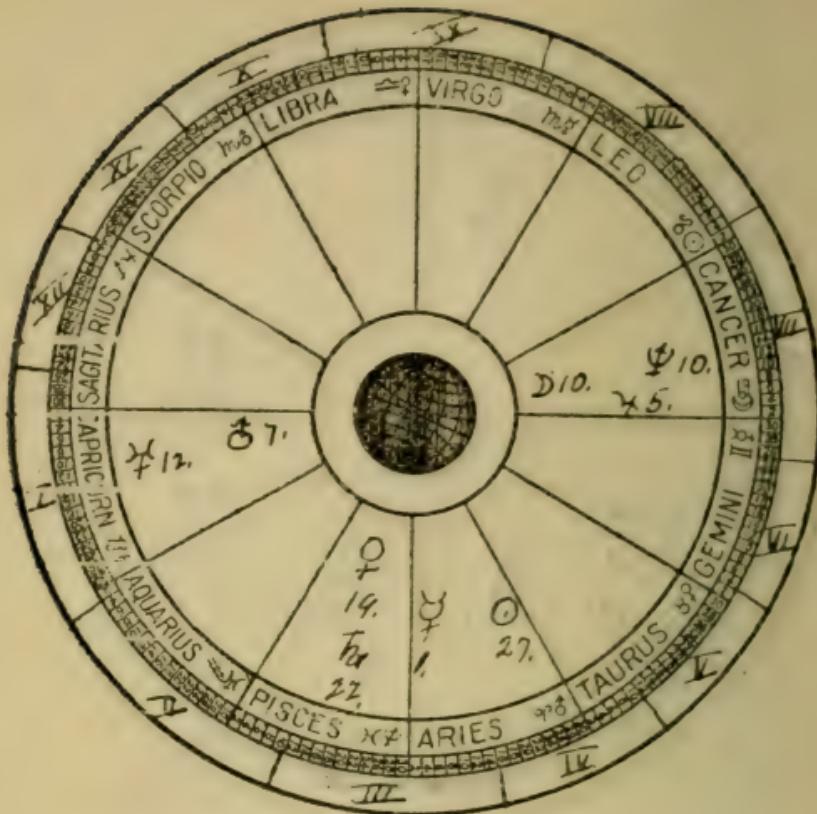
No. 81

MAY DIRECT b m (p) $2:08\frac{3}{4}$, foaled 1/21/1910/5:30 a. m. Sire, Very Direct, son of Walter Direct $2:05\frac{3}{4}$ —Dam, Mayville, p, $2:19\frac{1}{4}$, by Manville 2:18. Bred by J. A. Daley, Nevada, Mo. Record made at Sedalia, Mo., Sep. 29, 1914, driven by John Weaver. Not advised as to sale price and winnings.

Inherent speed influences: ♀ △ ♀, △ ♀; ♀ △ ♀; ♂ □ ♀.

Accelerating speed influences: ♀ in I, ♀ in X.

Predominating gait influence: b ruler of Asc. □ ♀—Pacing.



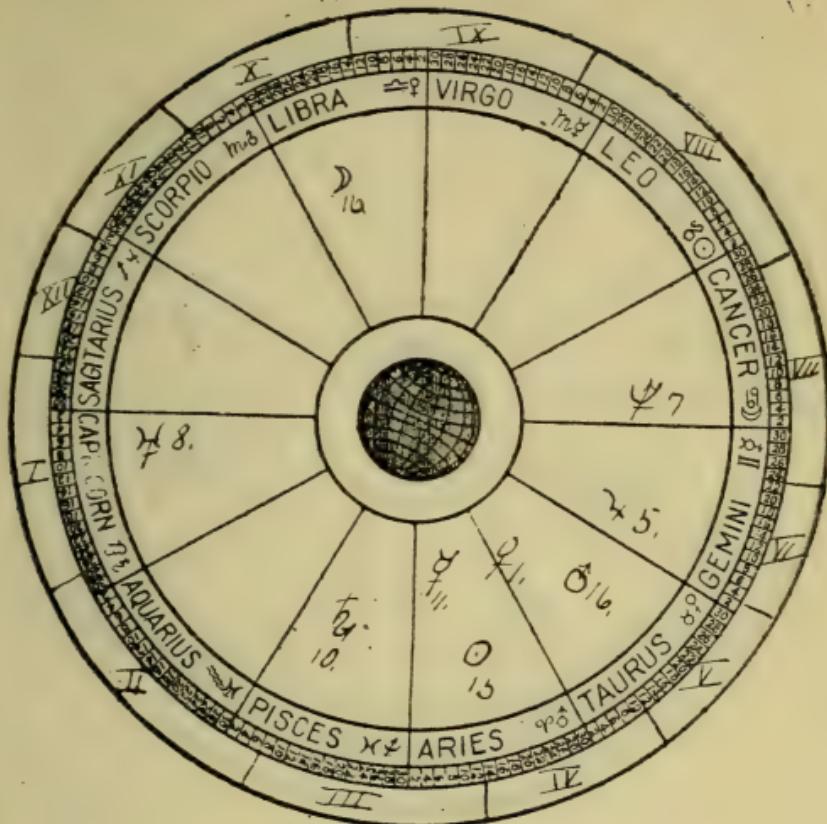
No. 82.

EDNA HAMLIN b. m. (p) 2:09 $\frac{1}{4}$, foaled 4/18/1907/11:15 p. m. Sire, Lorenzo Hamlin 2:24 $\frac{1}{4}$ —Dam, Edna Worthy, by Axworthy 2:15 $\frac{1}{4}$. Bred by A. F. Bradley, Mount Holly, N. J. Record made at Nazareth, Pa., Sep. 17, 1914, driven by Thomas Berry. Not advised as to sale price, if ever sold, nor total winnings. Note similarity between her chart and that of Ruby K.

Inherent speed influences: ♃ ♁ ♀, ♂ ♀, ♀ ♀ & ♀, ♀ ♁ ♀ & ♀; ♀ ♀ ♀, ♂ ♀; ♀ ♀ ♀.

Accelerating speed influences: ♀ & ♀ in I.

Predominating gait influence: ♀ ruler of Asc. ♀ —Pacing.



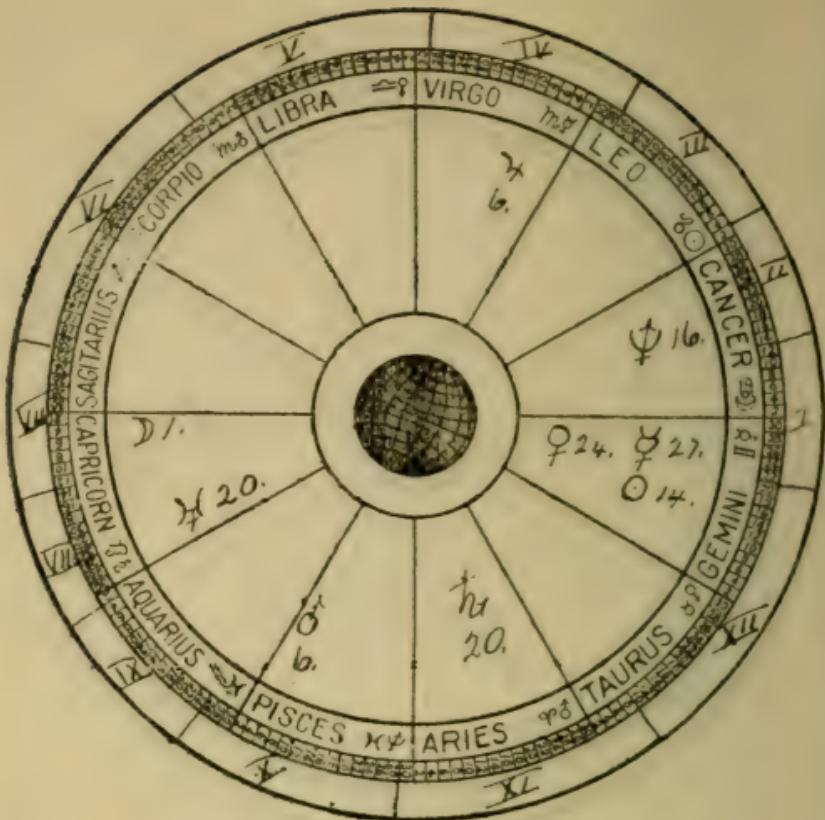
No. 83

BELVASIA br m 2:06 $\frac{1}{4}$, foaled 4/8/1906/11:40 p. m. Sire, Bingara 34707—Dam, Persea, Pistachio, p, 2:21 $\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Record made at Cleveland, Ohio, Aug. 10, 1911, driven by T. W. Murphey. Winner of \$13,837 in purses and stakes; not advised as to sale price.

Inherent speed influences: ♀ Δ ♣; □ ♪; ♀ * ♣, □ ♪; ♀ Δ ♪.

Accelerating speed influence: ♪ in I, ♀ in IX.

Predominating gait influence: ♣ ruler of Asc.
* ♀—Trotting.



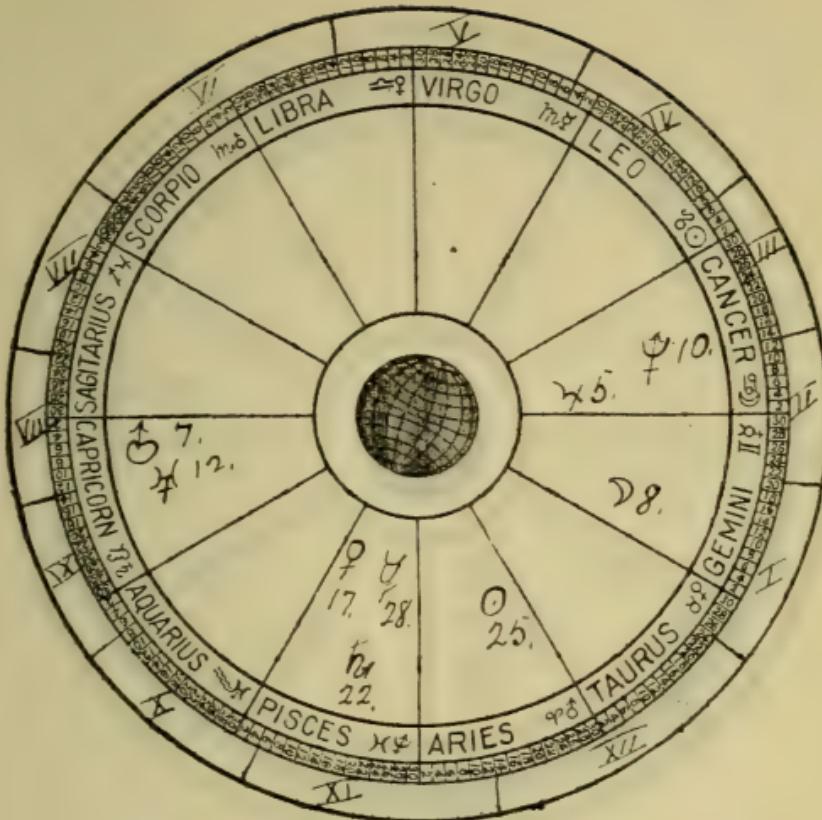
No. 84.

GRATTAN BOY b g 2:09½, foaled 6/5/1909
 /5:00 a. m. Sire, Montana Grattan 41189—Dam,
 Silk, by Cooper King 1953. Bred by S. G. Phillips,
 Bozeman, Mont. Record made at Detroit,
 Mich., Sep. 12, 1914, driven by John Wall. Total
 winnings \$9,160. Not advised as to sale price, if
 ever sold.

Inherent speed influences: ♈ ♉ ♌, ♈ ♉, ♈ ♉, ♈ ♉, ♈ ♉, ♈ ♉

Accelerating speed influences: ♈ & ♉ in I, ♈ in X.

Predominating gait influence: ♈ ruler of Asc. ♈
 ♈—Trotting.



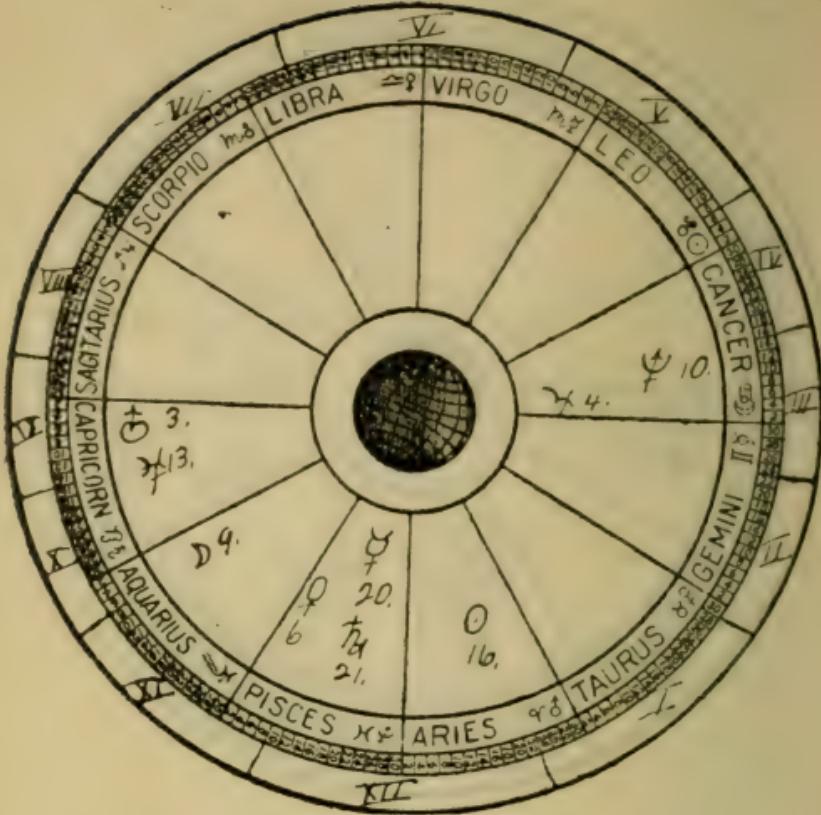
No. 85

ARITHMIC QUEEN b m 2:09 $\frac{1}{4}$, foaled 4/16/1907/7:00 a. m. Sire, Rhythmic 2:06 $\frac{3}{4}$ —Dam, May Quesne 2:21, by Duquesne 2:17 $\frac{3}{4}$. Bred by O. S. Johnson, Winchester, Ky. Record made at Lexington, Ky., Oct. 13, 1914, driven by W. A. Owings. Not advised as to winnings or sale price, if ever sold.

Inherent speed influences: ♀ * ♀; ♀ ♀ ♀; ♀ ♀ ♀; ♀ ♀ ♀.

Accelerating speed influences: ♀ in I, ♀ & ♀ in IX.

Predominating gait influence: See comments on the gait.



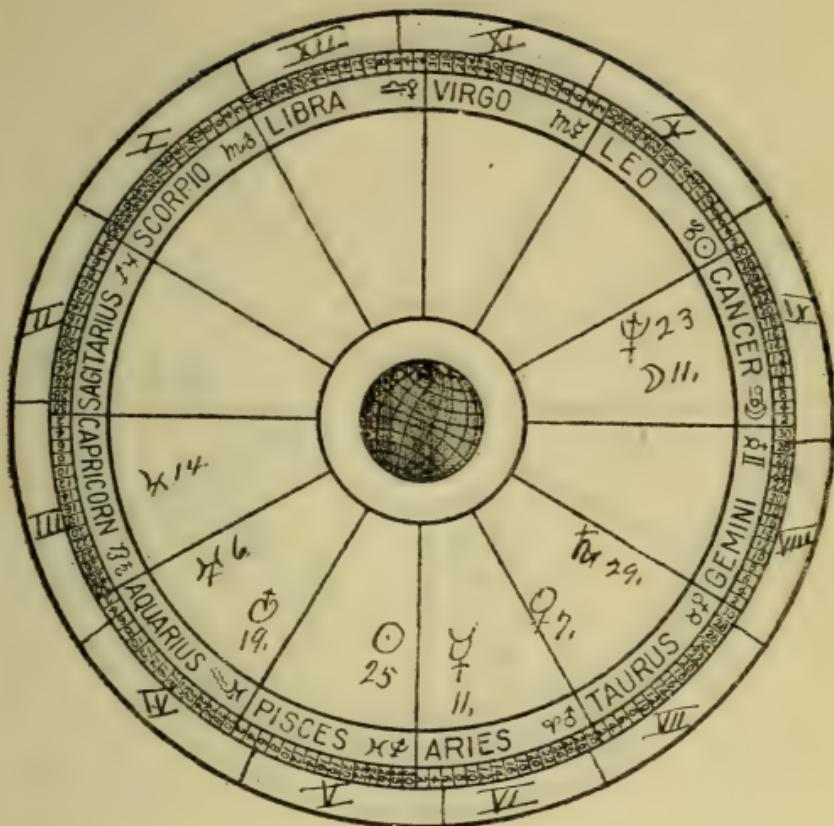
No. 86

BERGEN b h 2:06 $\frac{3}{4}$, foaled 4/7/1907/6:00
 a. m. Sire, Bingara 34707—Dam, Russula, by
 Kremlin 2:07 $\frac{3}{4}$. Bred by Allen Farm, Pittsfield,
 Mass. Record made at Kalamazoo, Mich., July
 11, 1912, driven by E. F. Geers. Total winnings
 \$5,050; not advised as to sale price.

Inherent speed influences: ♂ ♀ ♐ ♈ ♉ ♊ ♋ ♌ ♎ ♏ ♐ ♑

Accelerating speed influences: ♂ in IX, ♀ in X.

Predominating gait influence. ♂ ruler of Asc. ♂
 ♀—Trotting.



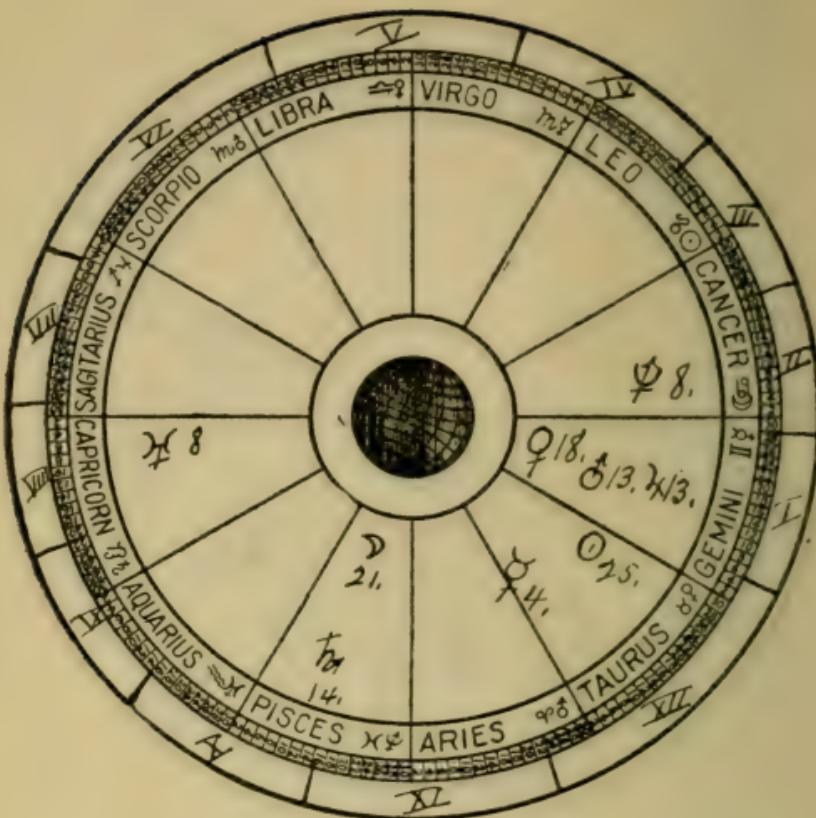
No. 87

THE AIM br c, 1, (p) 2:18½, foaled 3/16/1913/9:00 a. m. Sire, The Exponent 2:11¾—Dam, Brattane 2:29½, by Grattan 2:13. Bred by L. E Browne, Delevan, Ill. Record made at Springfield, Ill., Sep. 21, 1914, driven by Alex Wishart. The Aim was the champion pacing yearling colt for the year 1914.

Inherent speed influences: ♂ ☽ ♀, ♀ ☽ ♀, *.

Accelerating speed influences: ♀ in III, ♂ in IX.

Predominating gait influence: ♀ ruler of Asc. ☽ —Pacing.



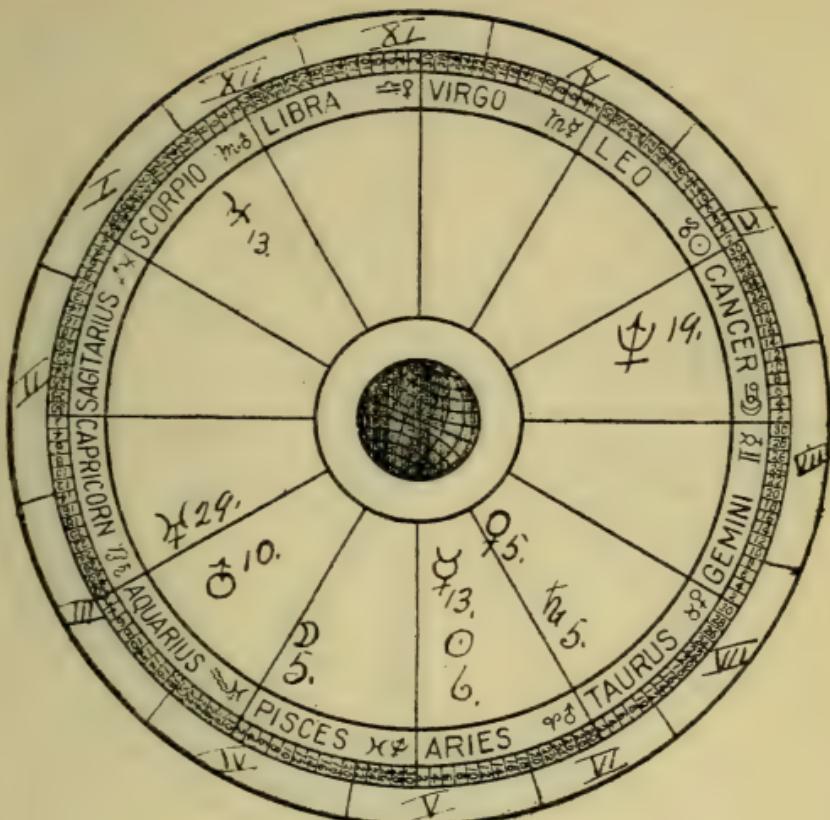
No. 88

DICK SENTINEL b g (p) 2:06 $\frac{3}{4}$, foaled 5/17/1906/4:30 a. m. Sire, Iowa Sentinel 2:29 $\frac{1}{4}$ —Dam, untraced. Bred by Sam Lee, Jr., New London, Iowa. Record made at Milwaukee, Wis., Sep. 17, 1914, driven by Harvey Woods. Total winnings \$5,515; not advised as to sale price, if ever sold.

Inherent speed influences: ♀ □ ♂ & ♀; ♀ △ ♀; ♀ ♂ ♀.

Accelerating speed influences: ♀ in I, ♀ in IX.

Predominating gait influence: ♀ ruler of Asc. P — Pacing;



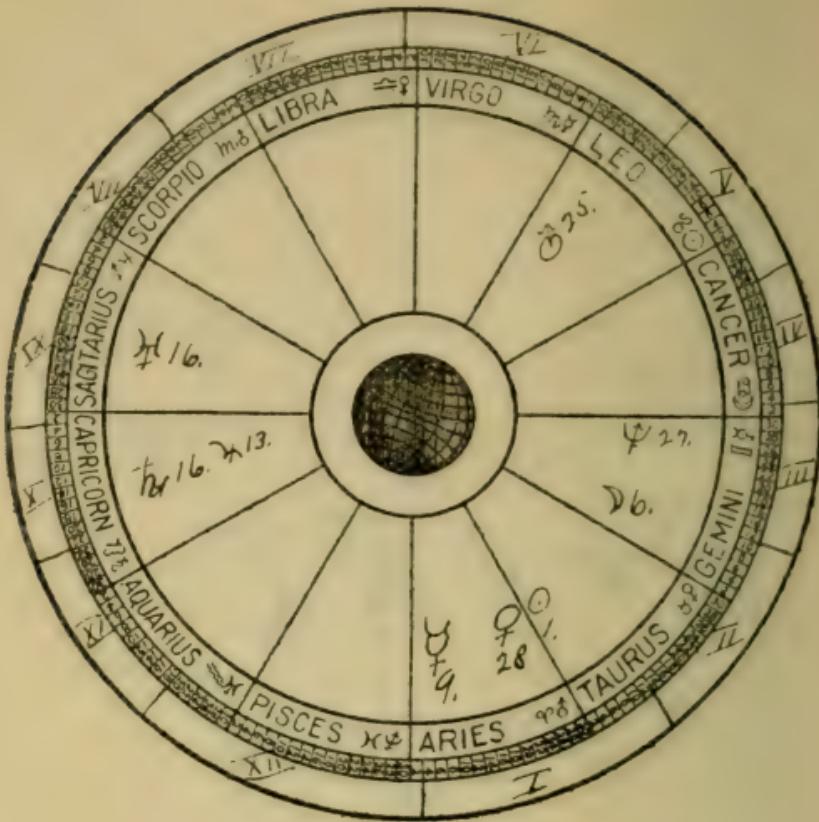
No. 89.

PELLA ro f (p) 2:20 $\frac{1}{4}$, foaled 3/27/1911/
9:00 p. m. Sire, Trampfast (2) 2:12 $\frac{1}{4}$ —Dam,
Silver Maid 2:26 $\frac{1}{4}$. Bred by W. R. Crandall,
Piper City, Ill. Note similarity of this chart and
that of Peter Volo. She has the same inherent
speed as Peter Volo, but different accelerating
speed influence. Note comments on her chart.

Inherent speed influences: $\exists \Delta 24$, $\forall * \delta$; $\delta *$
 \odot ; $\delta \square b$, $\delta \square 24$.

Accelerating speed influences: 24 in I, 25 in III.

Predominating gait influence: See comments on the gait.



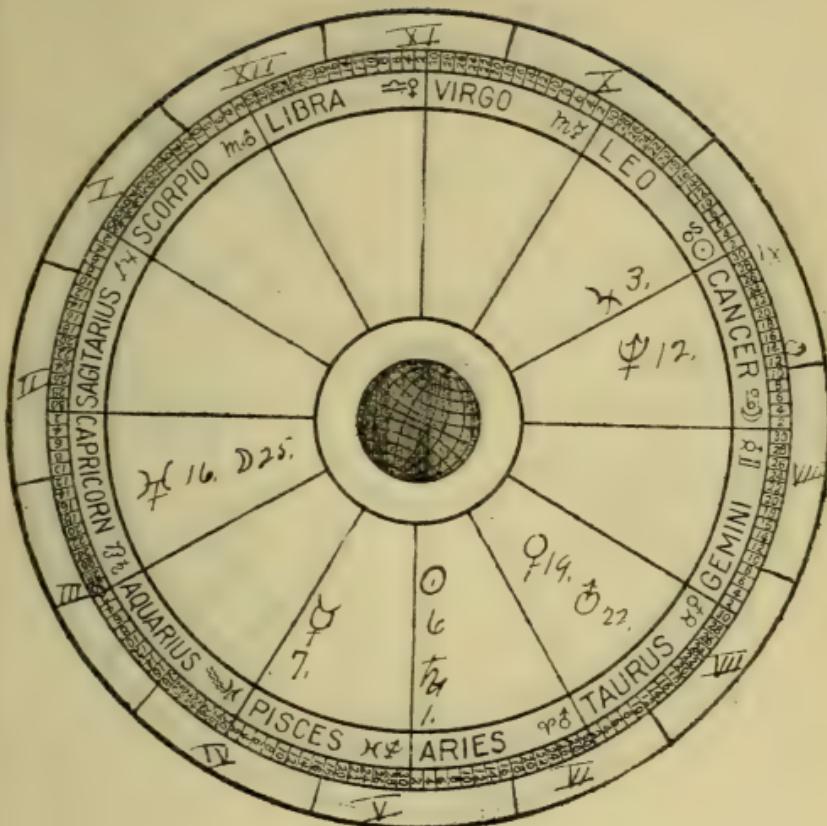
No. 90

ARGOT BOY b g (p) 2:03 $\frac{1}{4}$, foaled 4/21/1901/4:00 a. m. Sire, Argot Wilkes 2:14 $\frac{1}{4}$ —Dam Anna Miller, by American Boy 16963. Bred by Charles Carpenter, Anderson, Ind. Record made at Phoenix, Ariz., Nov. 16, 1907, driven by C. L. DeRyder. Total winnings \$12,182. Not advised as to sale price, if ever sold.

Inherent speed influences: ♀ * ♀, ♀ ♀; ♀ ♀ ♀;
 △ ♀; ♂ △ ♀;

Accelerating speed influences: ♀ in I, ♂ in III,
 ♀ in IX, ♀ in X.

Predominating gait influence: ♂ ruler of Asc. △
 ♀ — *Pacing.*



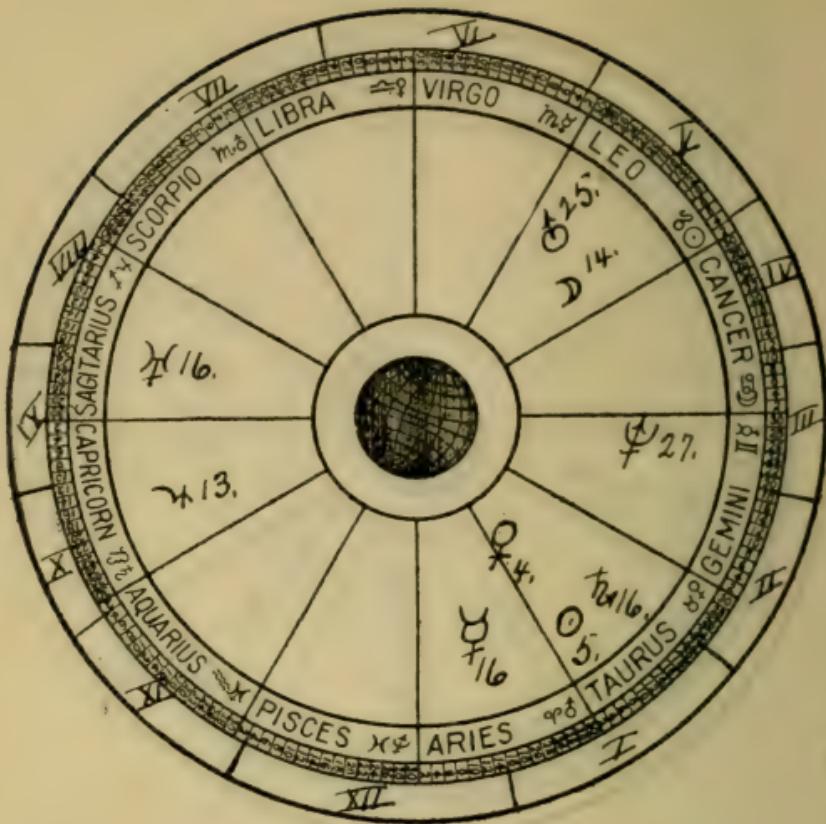
No. 91.

BRADEN DIRECT bl h (p) 2:01 $\frac{1}{2}$, foaled 3/26/1908/9:00 p. m. Sire Baron Direct 42481—Dam, Braden Lass, by Brown Hal, p, 2:12 $\frac{1}{2}$. Bred by J. M. Herbert, Denver Colo. Record made at Columbus, Ohio, Sep. 25, 1913, driven by Fred Egan. Total winnings \$19,375; not advised as to sale price.

Inherent speed influences: ☽ ♂ ♀. △ ♂; △ ♀.

Accelerating speed influences: ☽ & ♀ in III, ♀ in IX.

Predominating gate influence: ♂ ruler of Asc. △ ♀—Pacing.



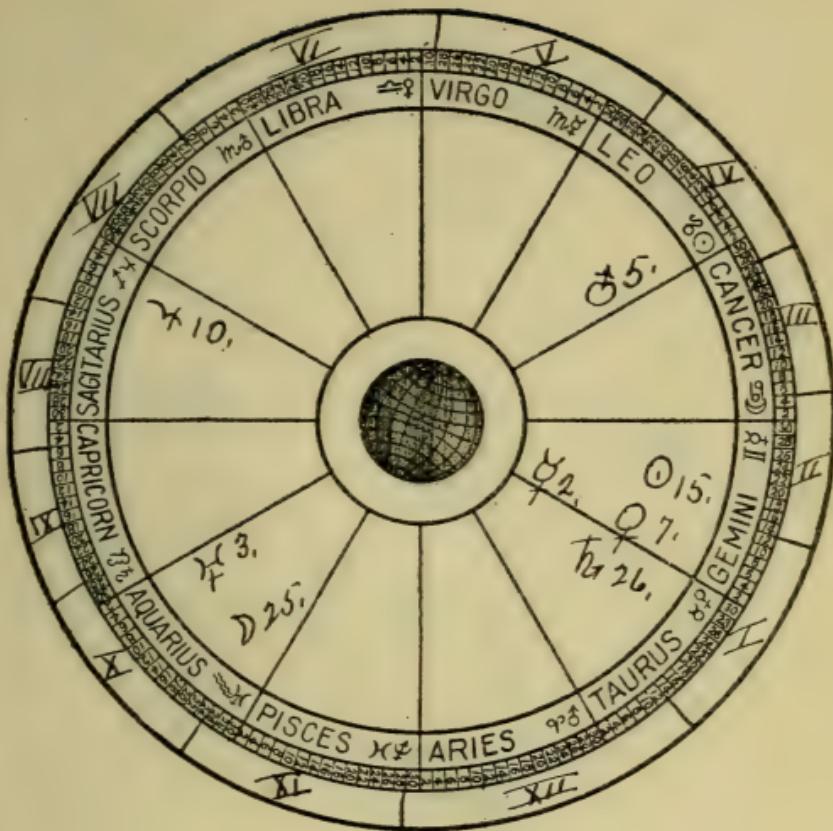
No. 92

BINGARA b h 34707, foaled 4/26/1901/4:25
 a. m.* Sire, Bingen 2:06 $\frac{1}{4}$ —Dam, Ligera, by
 Arion 2:07 $\frac{3}{4}$. Bingara is at the head of the
 Allen Farm and is one of the greatest sires in the
 country, having 80 in the list at thirteen years of
 age; and the leading money winning sire of 1912.

Inherent speed influences: ♀ △ ♀, △ ♀; ♀ □ ♀.
 △ ♀.

Accelerating speed influence: ♀ in I.

Predominating gait influence: See comments on
 the gait.



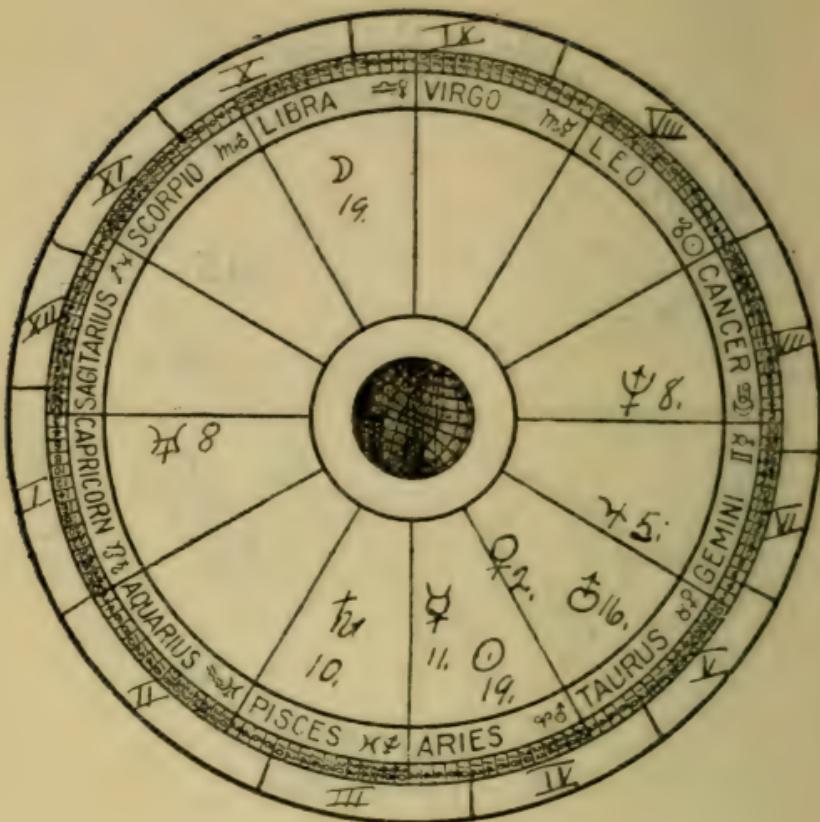
No. 93

U FORBES b c (2) 2:12½, foaled 6/6/1912/3:00
a. m. Bred by J. R. Magowan and W. R. Little,
Mt. Sterling, Ky. Sold for \$1000 as a yearling.
Holds world's yearling record on half-mile track
of 2:21½, and a winning two-year old record of
2:12½.

Inherent speed influences: ♀ * ♂; ♀ 24, △ 14; ♂ 14, △ 24, ♀ 14; 24 * 14;

Accelerating speed influences: $\frac{d}{dt}$ in X .

Predominating gait influence: ♀ ruler of Asc. ♀
♀—Trotting.



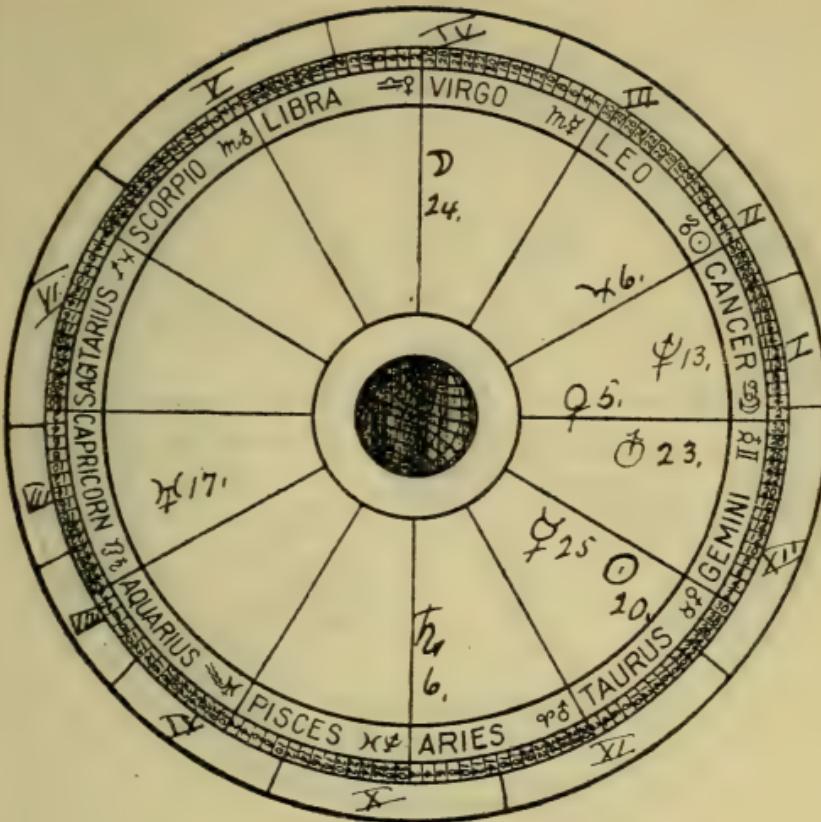
No. 94

ALARICH b g 2:09, foaled 4/9/1906/12:30 a. m. Sire, Direcho, by Direct, p, 2:05½—Dam, Patti Mack, by George W. McKinney 2:14½. Bred by Chas. W. Winter, Alhambra, Calif. Record made at Los Angeles, Calif., July 15, 1914, driven by W. G. Durfee. Sold for \$1,000; not advised as to his winnings.

Inherent speed influences: ♀ 8 ♀; ♀ * ♀. ☽ ☽; ☽ △ ☽.

Accelerating speed influence: ☽ in I. ☽ in X.

Predominating gait influence: ♀ ruler of Asc. * ♀ —Trotting.



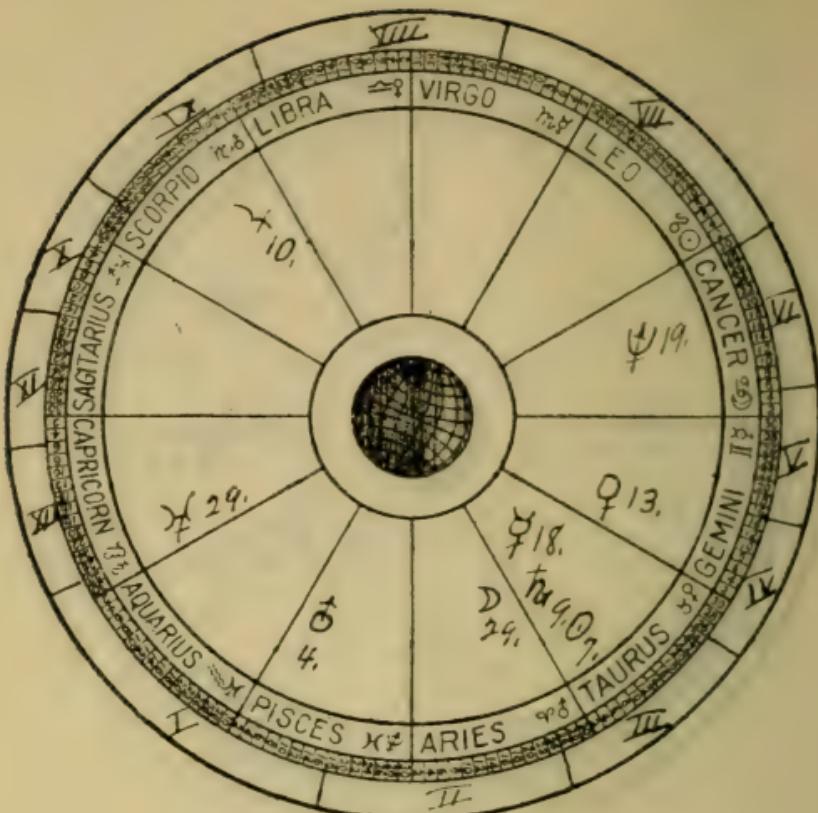
No. 95

LELIA PATCHEN bl m 2:05 $\frac{1}{4}$, foaled 5/11/1908/7:30 a. m. Sire, Dan's Brother, p, 2:20 $\frac{1}{4}$ —Dam, Jessie Stanley, by Indianapolis, Jr., 6499. Bred by Ben Hawkins, Oxford, Ind. Record made at Syracuse, N. Y., Aug. 31, 1914, driven by W. L. Snow. Not advised as to winnings nor sale price.

Inherent speed influences: ♀ △ ♀, □ ♀; △ ♀; ♀ △ ♀.

Accelerating speed influences: ♀ & ♀ in I.

Predominating gait influence: ♀ ruler of Asc. △ ♀—Pacing.



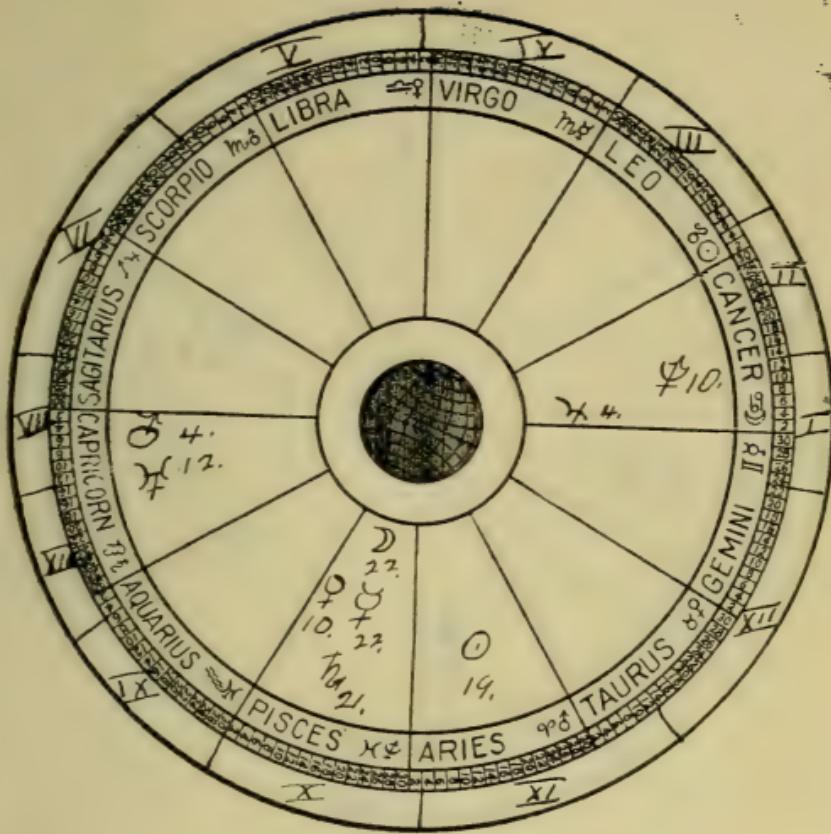
No. 96

TRAMPRIGHT b h 2:09½, foaled 4/28/1911/
1:00 a. m. Sire, Trampfast, 2, 2:12¼—Dam,
Coupon Bond 2:29¼, by The Bondsman 37641.
Bred by L. E. Brown, Delevan, Ill. Record made
at Springfield, Ill., Sep. 24, 1914, driven by S. J.
Fleming. Not advised as to winnings nor sale
price, if ever sold.

Inherent speed influences: $\Delta 2^{\circ}$ * 6. $\square W$: 8 8 4;

Accelerating speed influences: Σ in IX: Σ , Ψ , Θ , Σ , Ψ in III.

Predominating gait influence: by ruler of Asc. 8
2—Trotting.



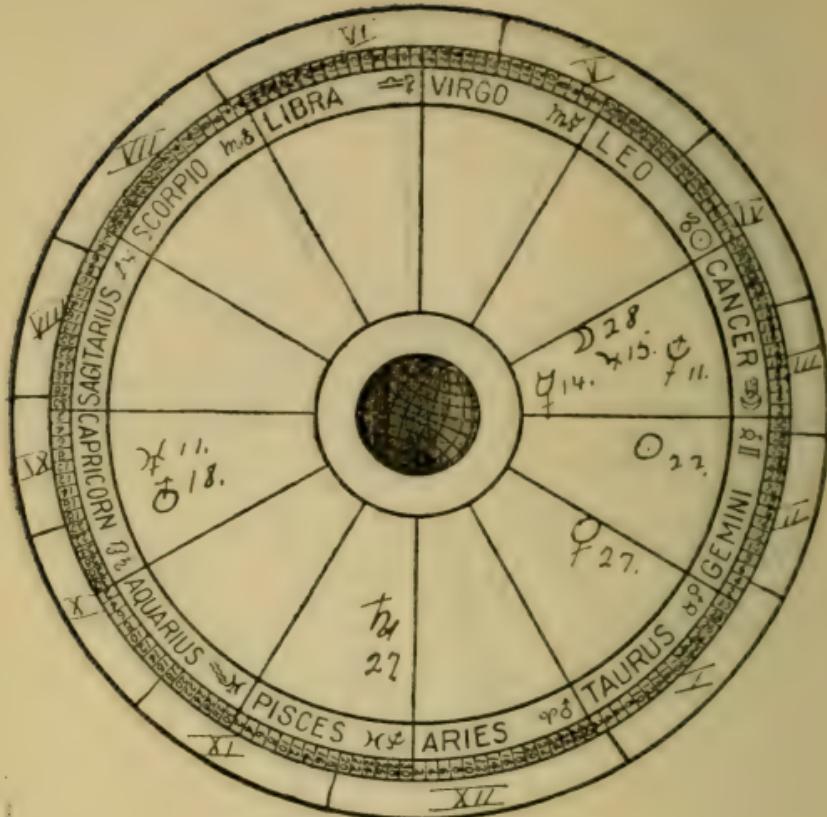
No. 97.

HAZEL LAING ch m 2:08 $\frac{1}{4}$, foaled 4/10/1907/9:00 a. m. Sire, John A. McKerron 2:04 $\frac{1}{2}$ —Dam, Barletta 2:26 $\frac{1}{4}$, by Patron 2:14 $\frac{1}{4}$. Bred by W. P. Murray, West Mentor, Ohio. Record made at Lexington, Ky., Oct. 6, 1914, driven by W. J. Andrews. Never been sold; total winnings about \$4,000.

Inherent speed influences: ♀ 6 ♀, ♂ 8 ♀, ♂ 8 ♀;
♀ 8 ♀.

Accelerating speed influences: ♀, ♂, ♀ & ♀ in X.

Predominating gait influence: See comments on the gait.



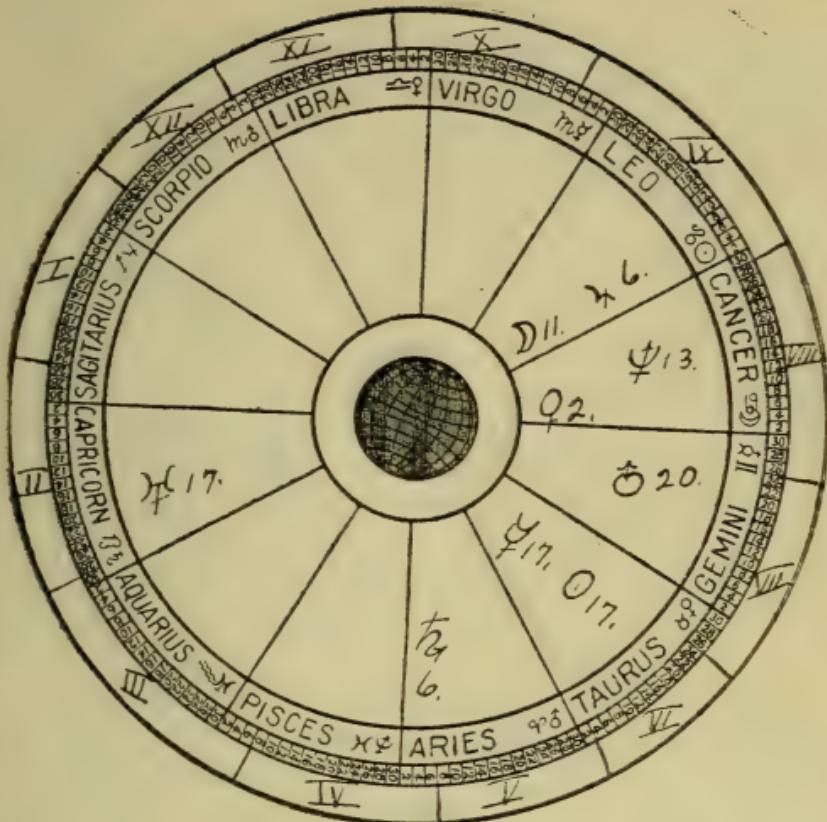
No. 98

DOUGLAS McGREGOR bl h 2:08 $\frac{1}{4}$, foaled 6/14/1907/1:30 a. m. Sire, Jay McGregor 2:07- $\frac{1}{4}$ —Dam, Nellie Price 2:16 $\frac{1}{4}$, by C. F. Clay. Bred by Clarence Pingueley, Ross, Ky. Record made at Detroit, Mich., Aug. 2 1911, driven by M. F. Sanders. Total winnings \$10,105; sold into Austria for \$3,500.

Inherent speed influences: ♀ 6 ♀, 8 ♀ & ♀; ♀ 8 ♀ & ♀: ♀ 6 ♀.

Accelerating speed influences: ♀ & ♀ in III; ♀ & ♀ in IX..

Predominating gait influence: See Comments on the gait.



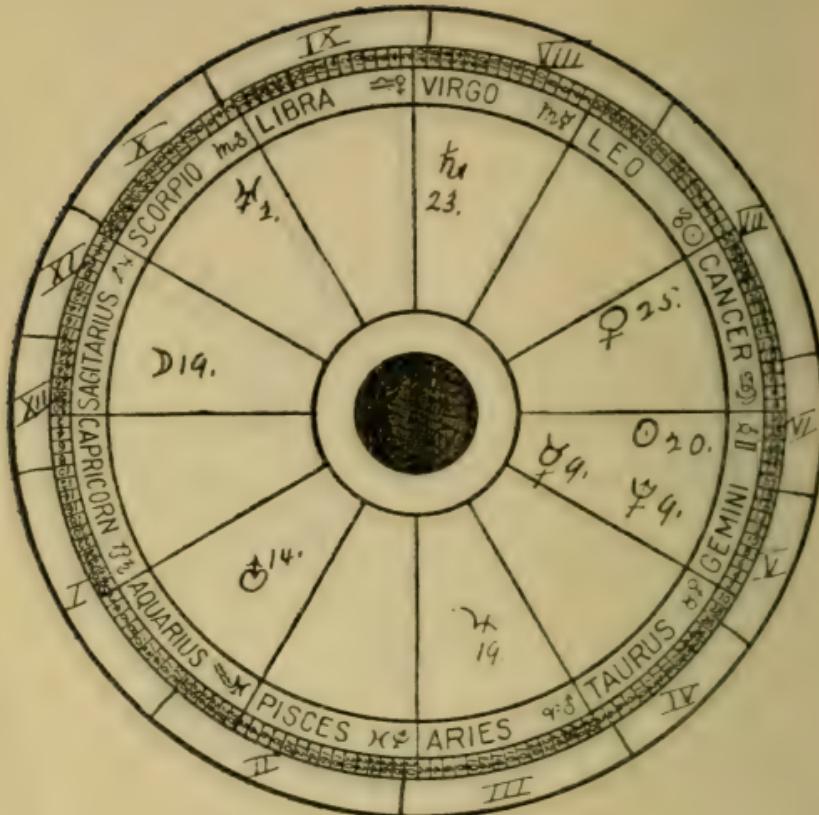
No. 99

BATTLE b h $2:15\frac{1}{4}$, foaled 5/7/1908/7:30 p. m. Sire, Bingara 34707—Dam, by Kremlin 2:07 $\frac{3}{4}$. Bred by Allen Farm, Pittsfield, Mass. Not advised as to sale price and winnings. The author considers the Moon in conjunction with Jupiter as giving 2:05 speed, and Mercury being trine to Uranus also, would certainly indicate this horse should have made a much lower record, unless some misfortune overcame him or he hadn't the opportunity.

Inherent speed influences: $\text{D} \delta \text{U}$, $\square \text{J}$; $\text{J} \Delta \text{U}$; $\text{P} \text{U}$.

Accelerating speed influences: $\text{D} \& \text{U}$ in IX.

Predominating gait influence: See comments on the gait.



No. 100

BESSIE BONEHILL (p) 2:05 $\frac{3}{4}$, foaled 6/10/1892/8:45 p. m. Sire, Empire Wilkes 2:29 $\frac{1}{4}$ —Dam, by Crittenden 438. Bred by Dr. J. R. Haggard, Lexington, Ky. Bessie Bonehill is the Dam of Joe Patchen II (p) 2:03 $\frac{1}{4}$, and Empire Direct (p) 2:07 $\frac{1}{4}$.

Inherent speed Influences: ♀ * ♂, △ ♀: ♂ * ♀.

Accelerating speed influences: ♀ in I, ♀ in III, ♀ in X.

Predominating gait influence: See comments on the gait.

RULES FOR DETERMINING SPEED

The more I study the speed of the Standard-bred horse the more convinced I am that speed is a mental condition, inherent in the animal. The gait is a mental condition, and a correct chart of the foaling time will show whether the horse will trot or pace. In like manner a correct chart will show the inherent mental condition that will send him onward at a 2:30, 2:20, 2:10, 2:05, or 2:00 speed. A horse may have a two-minute speed for a quarter, and yet may not be able to go a full mile in 2:10. It takes muscular power of endurance to make a race horse in addition to the speed. A correct chart of the foaling time will also show this very important factor. This condition is purely a physical one, and rules are given for determining this condition.

In judging the strength of an aspect between the speed influences I consider the conjunction the strongest, the trine next, and sextile next. The square, opposition and parallel aspects very likely give as much speed as the other aspects but the square is always evil in its nature, the opposition is usually evil and the parallel aspect may be good or evil, according to the nature of the planets forming the aspect. So, in giving the aspects the strongest good ones are mentioned first, and then ends with the most harmful; beginning with the conjunction and ending with a square.

Rule 1. Moon either conjunction, trine, sextile, parallel, opposition or square with Jupiter indicates the greatest inherent speed influence.

Rule 2. The Moon either conjunction, trine, sextile, parallel, opposition or square to Mercury indicates the second greatest inherent speed.

Rule 3. The Moon either conjunction, trine, sextile, parallel, opposition or square with Mars for trotters, or Uranus for pacers, indicates the third strongest inherent speed.

Rule 4. Mercury either conjunction, trine, sextile, parallel, opposition or square to Jupiter or Mars for trotters, and Uranus for pacers, indicates the fourth strongest inherent speed.

Rule 5. Mars conjunction, trine, sextile, parallel, opposition or square to Jupiter for trotters, and Uranus for pacers, indicates the fifth strongest inherent speed influence.

Rule 6. Jupiter conjunction, trine, sextile, parallel, opposition or square to Uranus indicates the sixth strongest inherent speed influence.

Rule 7. A planet in the first, third, ninth or tenth mundane division may accelerate or retard the inherent speed.

Rule 8. The Ruler of Ascendant in the first, third, ninth or tenth mundane division, accelerates the inherent speed, and if in strong aspect to either of the speed planets the Ruler of Asc. becomes as one of the speed producing planets and should be judged accordingly.

Rule 9. Either of the speed planets in the first, third, ninth or tenth mundane division greatly accelerates the inherent speed.

Rule 10. The Ascending degree of the horizon at the moment of foaling is the most sensitive degree of the 360 degrees, and any planet occupying this degree, or in strong aspect to it, has a predominating influence on the life of the animal, and if the planet so aspecting is a speed producing planet, then the Asc. becomes as a speed producing planet and should be so judged.

Rule 11. "Inherent Speed Influence" is that planetary position amongst the planets at the time that produce speed regardless of the moment of foaling.

Rule 12. "Accelerating Speed Influence" is that accidental position of the planets at foaling time that places them in either the first, third, ninth or tenth mundane divisions as well as determining the Ruler of the Asc. which determines the gait, and which also may become the predominating speed influence.

The following suggestions will be helpful to the student in being able to accurately judge of the speed of a horse: The zodiacal sign Sagittarius is the Ruler of the Standardbred horse, and any planet in that sign accelerates the inherent speed, and if the Moon occupy that sign and in strong aspect to either of the speed planets, then you have a horse with extreme speed. Jupiter is ruler of Sagittarius, and is therefore the ruling planet of the Standardbred horse. In this connection the student should study the following charts: Minor Heir (7), Aileen Wilson (8), Allen Winter (15), Pat Ford (19), The Broncho (24) Liberty Patch (25), Margaret Druein (28), Exall (31), Squantum (39), Dan Patch (40), Argot Hal (52), Alta Coast (53), Flower Direct (56), Lucile Spier (61), William (65), Ross B (69), Walter Direct (71), Kavalli (75), Bertini (77), Aquin (80), Argot Boy (90), Bingara (92), U Forbes (93).

The speed planets in "mutual reception" accelerate the inherent speed. By "mutual reception" is meant when two planets occupy one another's sign and at the same time being in strong, close aspect with one another as in the chart of Minor Heir (7), where Uranus is in Sagittarius, ruled by Jupiter in Aquarius ruled by Uranus, and Jupiter and Uranus being in sextile aspect with one another. Mercury and Mars are in mutual reception in the charts of Jimmy Briggs (10) and King Couchman (22), Lassie McGregor (41). In making the original drawing of the chart the character representing the planet is placed in the sign ruled by that planet so that the student can easily see when planets are in "mutual reception". When a planet occupies a sign opposite that ruled by that planet then that planet is less potent for good, though more potent for evil where it indicates evil.

The "Aspects" are the semi-sextile (30 degrees apart), semi-square (45 degrees apart), sextile (60 degrees apart), quintile (72 degrees a-

part), square (90 degrees apart), trine (120 degrees apart), square and a half (135 degrees apart), quincunx (150 degrees apart), opposition (180 degrees apart,) conjunction (where two planets occupy the same degree of the same sign), parallel (equal distances in declination from the equator, north or south. The major influences are the following: sextile, square, trine, opposition, conjunction and parallel; the remainder being minor influences, and are supposed to have about one-half the strength as the major influences. However, when the quincunx (150 degrees) is within two degrees it evidently has the strength of a parallel, and should be so judged.

"Orb of Influences" is another matter to be very closely observed, else mistakes in judgment will be made. The Sun may be considered as exerting an influence when within fifteen degrees of an aspect, but, of course, becomes stronger as the aspect becomes nearer exact and the Moon will exert an influence when within twelve degrees of a complete aspect; the planets exerting an influence when within eight or nine degrees. The orb of influence between the parallel and quincunx should not be considered unless within two degrees of being complete, or exact. The nearer the aspects are to being exact, or complete, the stronger the influence, and then when all of the planets occupy about the same degrees of the zodiac, the better the horse, inherent speed influences being the same. The chart of William (65), Etawah (13), Baden (12), Ross B (69) and many others, illustrate this point.

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COMMENTS ON THE CHARTS

Peter Volo (1) The trine between the Moon and Jupiter in the chart of Peter Volo (1) indicates a 2:05 speed, and the sextile between Mars and Saturn indicates great athletic strength, and the square between Mars and Jupiter indicates

early speed. Mars in strong aspect to Jupiter indicates early speed. The square between Mars and Saturn, and between Mars and Jupiter and the opposition of Jupiter to Saturn and Venus, are all indicative of accidents or injuries; though the result of these cannot be determined as the exact foaling time is not known. Uranus is inoperative in his chart, and he has none of the pacing influence in him.

Irving Heart (2). The chart of Irving Heart is in some respects like all the horses foaled the latter part of April, May and June, 1907, in that Uranus, Mars and Jupiter held their respective positions during all that time, and these influences alone will give 2:10 speed, and very likely there are more 2:10 horses foaled during that time than was ever foaled during the same length of time in another year, unless it be in April and May, 1911, when Mercury, Jupiter and Mars held their aspects so long, and when such horses as Peter Volo, Lady Watneka, Squantum and Anna Bradford were foaled.

Star Winter (3) has a chart quite near the equal of Directum I, and it is very likely this horse will go in 2:00; or at least excel Anvil and Colorado E, who were foaled the same year and under similar planetary influences.

Single G (4) has an awfully good chart, as all of the planetary influences were operating when he was foaled. Note the trine between Mercury and Jupiter, trine between Moon and Mars, and these planets in mutual reception, and the sextile between Moon and Uranus. Single G should be an awfully good race horse, game and good headed, and will race pretty close to 2:00.

Lulu Lumine (5) is another good one, and has quite near 2:00 speed, but the square and oppositions are so very strong and evil that her great inherent speed will more than likely be of little avail. Her chart is very much like that of Directum I (60), foaled two days later, with the exception of the Moon being square to Mercury

in her chart, while the Moon had gone forward and formed a trine with Uranus in Directum I's chart.

John R. Gentry (6) will always hold the sentiment of the horsemen. At the author's request the late Jas. F. Ramey wrote the history of John R. Gentry which is published herein. The entire speed influences were operating at their strongest on the day John R. Gentry was foaled. The Moon and Jupiter in conjunction, and there is no stronger speed influence: Mars trine to the Moon and Jupiter and there is certainly nothing better for speed; Mercury is in opposition to Uranus, and there is no influence better for a pacer; Mars is square to Saturn and that gave him the ruggedness of the bear. If Mars and Saturn had been trine, as in Dan Patch's chart, John R. Gentry would now hold the world's record, for no horse can have any more speed than John R. Gentry. A trine or sextile between Mars and Saturn would have given him the athletic strength to have sustained his speed for a mile, but the square aspect caused him to tire. When one looks at his chart and sees the opposition of Mercury to Uranus and then reads the story of how his trainer tried to make a trotter out of him, it can be readily seen how futile such efforts might have been. Doubtless there have been many such horses "kicked out in the pasture;" but our rules applied to the colts in the future will reveal their inherent speed and gait, too.

Minor Heir (7) is another where all five speed influences were strong and operative, and only a glance at the chart reveals a race horse. The Moon and Uranus in conjunction in Sagittarius alone would make a 2:05 horse. The opposition of Mercury to Uranus and the Moon added to his speed and made him go in the pacing gait; and then Mercury trine to Jupiter and Mars square to Jupiter gave him all the speed that a horse can have. If Mars had been eight degrees further in Aries and formed a complete trine to Saturn,

which would have given him greater power of muscular endurance, he would have equaled or excelled the immortal Dan Patch.

Aileen Wilson (8) is another where all the five speed influences were strong and operative. If Mars could have been back seven degrees making a complete trine with Uranus and the Sun, Aileen Wilson would have been better than a 2:00 performer, but she would certainly suit the most fastidious.

Airdale (9) had the Moon and Jupiter in conjunction, in opposition to Mercury and trine to Mars, being four of the speed influences operating when he was foaled. Saturn in opposition to the Moon has evidently caused some misfortune to come to this horse, else he would have been very prominent before the people. He has 2:00 speed.

Jimmie Briggs (10) and **King Couchman** (22) were foaled on the same day and at nearly the same time and have practically the same chart, and consequently have the same speed. See how strong were the five speed influences in these charts. Only a glance at the chart and one can see worlds of speed. When this booklet is in the hands of horsemen generally such horses as Jimmie Briggs will get their chances in life, because their owners will know their speed value in advance of their training.

Judson Girl (11) is another where all five of the speed influences were strong when she was foaled. There seems to be something in Jupiter occupying the second mundane division that adds value to an animal, and likewise Jupiter in tenth seems to add value to the horse. It is not alone speed that gets the money.

Baden (12) has all five of the speed influences strong in his chart. Baden evidently has two or three seconds more speed than his record shows him to have. Mercury occupied the second mundane division, sextile to Jupiter, and Jupiter ruler of the tenth. There is undoubtedly some

influence through the second and tenth house that adds value to a horse in addition to his speed. Time will evolve rules by which the monetary value of a horse can be told from his chart, but the author has not formulated any such rules.

Etawah (15) is a race horse of the first order. The trines between Moon, Mars and Uranus, and the trine between Mercury and Jupiter give him about all the speed a horse can have, but he is a little deficient in muscular power of endurance. The semi-sextile between Mars and Saturn hardly gives him sufficient muscular strength to carry him at his extreme speed for a mile. Peter Volo would more than likely beat him in a five-heat contest. The fifth mundane division is the division that controls the offspring and the moon occupying this position and trine to Mars and Uranus, will make Etewah one of the greatest sires of extreme speed. Mars on the Asc. afflicting his eyes is not an inherent condition, and he will not transmit weak eyes to his get as some might suppose. The author considers him the best sire of any horse's chart in this booklet, unless it be that of Bingara, and he will surely equal Bingara as a sire of trotters.

Major Ong (14) has all of the speed influences operating at the time he was foaled. A horse foaled twelve or fifteen hours later when the Moon was in conjunction with Mercury would have had all the speed any horse could have. His chart should show Saturn 24 degrees in Pisces. Major Ong should race right at 2:00.

Allen Winter (15) is another with all five speed influences operating on the day he was foaled. He has quite near a two minute speed. Note Jupiter in tenth, and then note the amount of his winnings and sale price. The second brings money and the tenth both honor and money.

Clay Gentry (16) had all the speed any horse could have, and the Sun trine to Mars and sextile to Saturn made him as rugged as a bear and as agile as a lion, and his athletic strength

was so great that he could have carried his extreme speed for a mile. His chart shows him to have been two or three seconds faster than Directum I (60), which horse was foaled ten days later, but the two charts having much similarity, except that Clay Gentry had Venus square to Mars and Uranus, which caused his death by poisoning, and Saturn in the 12th mundane division accurately describes the degenerate scoundrel who committed the crime, but who escaped punishment as only circumstantial evidence was adduced against him at the trial. Squares are always evil in a chart, and only time seems necessary for the evil to come to pass, and eliminate or exterminate the horse. The author has wondered what has become of all the horses foaled May 11th, 1907. He would appreciate hearing from any owners of horses foaled on that day.

Russell Boy (17) has a chart with all the speed influences operating, but the Moon is not strong in his chart. He should go two or three seconds faster than his record.

Walter Cochato (18) has a good chart for speed, and he should go in 2:00.

Pat Ford (19). Old Pat Ford! Twenty-one years old and still winning on the track! When the author received the short history of Pat Ford it was so human-like that he immediately decided to incorporate the history of this remarkable horse in this booklet. Turn and read the story of his life as told by Mr. C. E. Wheeler of Cedar rapids, Iowa. The Moon in opposition to Mars is the influence that made him such an outlaw, and such a contender. The Mars nature, which is a contending, contesting and war-like nature, was powerful and strong in his chart. Ruby K (30) has the Moon in opposition to Mars, and she has a nature much like that of Pat Ford, though Ruby has Jupiter in conjunction with the Moon which mellows her nature considerably. Virginia Lou also has the Moon in opposition to Mars, and she will have to be awfully carefully managed or she

will develop a bad disposition like Pat Ford and Ruby K. Pat Ford had all the speed influences strong on the day he was foaled, and if he could have had the proper training when a colt, and on until ten years old, he would have gone pretty close to 2:00. This book is sent forth with the hope that it will find such animals as Pat Ford when they are young, and that through the influence of this book they will get the chance in life that the Pat Fords deserve.

Possibility (20) has four speed influences very strong in his chart, and his record of 2:02 $\frac{3}{4}$ shows it.

Belford Bell (21) has a chart quite like that of Major Ong foaled on the same morning, but Belford Bell has Saturn on the Asc. which the author considers an accidental retarding speed influence amounting to at least five seconds.

King Couchman (22) is a gelding almost identical in speed and in every way with that of Jimmy Briggs; and under identical work and training one would be as good a race horse as the other.

Princess Welcome (23) has a chart similar to all those foaled in April and May, 1907. There were many days around the 10th of May, before and after, when Mercury, Jupiter, Mars and Uranus, held strong aspects to each other and when the Moon shifted its influence to the other speed influences, then a horse of extreme speed showed up. The influence existing between the four first mentioned planets gave better than a 2:10 speed, and when the Moon through her speed influence in conjunction with the other speed planets a very fast horse was the result.

The Broncho (24) has a pacing chart in that Mercury is in opposition to Uranus. It may seem strange to the reader, but every chart that has Mercury in opposition to Uranus shows up with a pacing horse; there not being a single great trotter with this aspect. Since this chart and page was printed a letter from the family states that

The Broncho was foaled before day on the date given, which would place the Moon back in Aries some eight or ten degrees, where it would be sextile to Mercury, opposition to Jupiter and trine to Uranus. The author knew the Moon had to be back a number of degrees in order to produce the extreme speed this mare had.

Liberty Patch (25) has a chart with rather peculiar aspects between the speed planets; trine and squares associated together. He has pretty close to a two-minute speed, but being deficient in athletic strength, he will hardly go below 2:05.

Audubon Boy (26) has a chart in many respects like Dazzle Patch. When the Sun is ruler of Asc. and in strong aspect to Uranus of course the horse goes in the pace, but such horses as Squantum, Anna Bradford, Directum I, Audubon Boy and others are the results.

Lulu Arion (27) has a very good chart. She has a 2:00 speed, and the trine between Mars and Saturn give her sufficient athletic strength to sustain her speed for a mile. Given proper preparation, and she will race very close to two minutes.

Margaret Druien (28) has a remarkably good chart. Mercury, Mars, Jupiter and Uranus were as strongly associated as can be for speed, and the Moon in Sagittarius near the cusp of the tenth would necessarily make a great racing animal and a valuable one.

Minnie Chimes (29) has all of the inherent speed influences active in her chart; practically all of the planets occupying approximately the same degrees in the signs.

Ruby K (30) is another that has all the speed planets associated and all practically occupying the same degrees of the signs, and in major aspects. Ruby K has the Moon in opposition to Mars, which gives her much of the Pat Ford nature. It doubtless takes a man with lots of "horse sense" to handle this mare. She should have the sugar treatment. If she can be success-

fully handled and all of her speed utilized she will race around 1:55. She has Mars sextile to Saturn and trine the Sun, which gives her the "bottom," or muscular power of endurance to sustain her extreme speed for a mile. She has the speed of Dan Patch and the muscular power of endurance, also, and given the training and preparation she will go as fast; provided, of course, that she can be controlled.

Exall (31) is another near two-minute horse and he should have the training and opportunities.

Marigold (32) has a chart similar to Bergen in some speed respects, but she has Jupiter in tenth, which indicates both honor and money.

Peter Stevens (33) has all the speed influences operating in major aspects, except Jupiter, which is within a square and a half of Mars and Uranus. This is certainly a race horse, but he must be "fool-headed" under certain circumstances.

Ernest Axtell (34) has a chart almost identical with Irving Heart (2) and Princess Welcome (23), all three having been foaled on the same day and all having the same inherent speed; but Ernest Axtell has Jupiter in the second which seems to indicate more money.

Brighton B (35) has four of the inherent speed influences very strong, and the moon in tenth indicating money and honor.

Camelia (36) has four of the inherent speed influences strong, and then the Sun becomes a speed influence by being ruler and trine to Uranus. Many of the mighty pacing animals have the Sun for ruler in aspect to Uranus.

Moonbeam (37) has only three inherent speed influences operating in his chart, but see how strong they are.

Jean Arion (38) has all of the inherent speed influences strong, and she has better than two-minute speed, but she will hardly go in that time on account of being a little deficient in athletic strength; but she has extreme speed.

Squantum (39) has six speed influences operating very strong, and he must have been a mighty racing colt. The Sun being his ruler and afflicted by a square to Uranus doubtless indicated his early death. If he had not been gelded and could have lived he would have made a sire equal that of George Wilkes. What a pity to geld such an animal.

Dan Patch (40) had all of the inherent speed influences operating in his chart, with the accelerating influences of the Moon in Sagittarius, square to Mars, and Jupiter trine the Asc. The trine between Mars and Saturn gave him his wonderful power of muscular endurance, and then the Sun added to this power by a sextile to Mars. Of course, Mercury in opposition would make him pace.

Lassie McGregor (41) shows a chart that hasn't a 2:10 inherent speed but the accelerating influences being so strong made her a very successful money winner; Mercury and Sun in tenth and Jupiter in first indicating this.

Lady Watneka (42) had four of the inherent speed influences powerfully strong in her chart; Uranus, the pacing influence, being nil. The speed and the athletic strength both being great in her chart.

Sue D (43) has a chart that shows the 2:10 speed without the inherent influence of the Moon. Every Standardbred colt foaled between May 9th and May 16th, 1907, has 2:10 speed, and those foaled on May 11th, 1907, have 1:55 speed; but where are those horses? Owners of such would confer a favor on this discovery if they will inform the author.

Anna Bradford (44) has six planetary speed influences operating in her chart, in addition to the athletic strength from a sextile between Mars and Saturn and the Sun. Her chart and that of Squantum's (39) have much in common, but Anna Bradford's is more fortunate in that she has the Sun trine to Uranus, while the Sun is square

to Uranus in Squantum's chart. The rules for determining speed would make no difference in the two charts.

Don Densmore (45) has all the inherent speed influences operating in his chart, and he has Jupiter in the second. A novice in this study could immediately see a race horse in this chart.

Mirthful (46) is another of the 1907 foals with all five of the inherent speed influences operating, and she has pretty close to a two-minute speed.

Honey Healey (47) is another of the 1907 foals, and she has a two-minute inherent speed, but with Saturn on the Asc. which has a retarding influence of at least five seconds. A horse foaled about noon on that day would have better than 2:00 speed, in the pacing gait.

Reussens (48) is another of the 1907 foals, showing in his chart all of the inherent speed influences operating.

Binvela (49) shows Mercury and Jupiter in conjunction, sextile to the Moon and trine to Uranus. This horse has pretty close to two-minute speed, but is deficient in that athletic strength necessary to sustain the extreme speed for a mile. He has the square between Mars and Saturn, the same as John R. Gentry and others, which produces ruggedness, but a kind that tires. To make the point clear: John R. Gentry has more speed than Dan Patch, but John R. Gentry has a square between Mars and Saturn, while Dan Patch has a trine between Mars and Saturn, and the difference in these two aspects amounts to at least five seconds.

Merry Direct (50) has all of the five inherent speed influences operating, but not with the major aspects.

Bertha Carey (51) has a rather peculiar configuration of the planets, there being five in the ascending sign. The conjunction between the Moon, Mercury and Mars in opposition to Uranus and Jupiter parallel to all of the speed

planets would certainly indicate lots of inherent speed.

Argot Hal (52), the double-gaited King of the turf has four of the speed planets in very strong aspect.

Alta Coast (53), the double gaited Queen of the turf, has the Moon square to Mercury and Mars in conjunction, and Jupiter and Uranus in conjunction in Sagittarius. One could certainly expect a race horse under the influences.

June Red (54) has a chart much like Bertha Carey's (51), and the Moon, Mercury and Mars in conjunction with each other would certainly make a race horse.

Peggy Jim (55) has a chart full of speed. When horsemen understand the rules in this book such a race horse as Peggy Jim will have better chances in life than this horse had.

Flower Direct (56) is another one of those remarkably good ones foaled in May, 1907. Oppositions and parallels prevail in this chart.

Dudie Archdale (57) has the Moon in conjunction with Mars in the tenth and both in opposition to Jupiter, and Mercury trine to Uranus. There are not many stronger charts than hers.

Electric Patch (58) has the Moon in opposition to Mars and Uranus in conjunction, and Mercury trine to Jupiter; a chart much like that of Dudie Archdale.

Virginia Lou (59), sired by The Harvester, Dam, Lou Dillon, has a chart much like that of Pat Ford. All five of the speed influences are active and strong, the only difference in her chart and that of Pat Ford she has Jupiter and Uranus in conjunction, while Pat Ford has these planets in opposition. Virginia Lou has better than 2:05 inherent speed. She will have to be carefully handled, else it will be hard to utilize her speed.

Directum I (60) has a chart like many of the foals of 1907, with the additional influence of the Sun, the Ruler, in the tenth aspecting Uranus

by a quincunx influence; Mercury also being in the tenth. The inherent speed influences existing between the Moon, Jupiter, Mars and Uranus in his chart indicate a two-minute speed, and the accelerating speed influence of Mercury and Sun in tenth added three or four seconds to his inherent speed.

Lucile Spier (61) has a good chart with all of the inherent speed influences operating. The quincunx influence between Mars and Jupiter is evidently very strong in this chart. Lucile Spier has Jupiter in fifth, and she will make a dam of extreme speed, and will be far more valuable as a brood mare than as a racing animal.

Major Woolworth (62) has a splendid chart, but what a pity to geld such an animal when he had Jupiter in the fifth. He would have made a most remarkable sire of extreme speed.

Lizzie Brown (63) with all five influences operating; Moon, Mercury and Jupiter under the major aspects and Mars and Uranus under the minor.

Napoleon Direct (64) has a chart that takes particular observation to judge of accurately. Note Jupiter being in the fifth, which indicates that he will sire extreme speed.

William (65) has the best chart of any horse in this book. I consider the Moon in Sagittarius in exact sextile to Jupiter to produce the most extreme speed; Mercury being in close trine to Uranus is the next best for a pacer, and Mars and Saturn being in exact sextile give him as much athletic strength as Dan Patch or any other horse. In the fall of 1915 he will likely lower the record of Dan Patch, and if he is kept racing until he is ten years old, and meets with no injury he will race around 1:52; because his wonderful power of muscular endurance will finally sustain him in four quarters of 28 seconds each.

Nowaday Girl (66) has Moon in conjunction with Jupiter and trine to Mercury, which gives a 2:05 speed. Mars being in strong aspect to Jupi-

ter indicates early speed.

Direct Gentry (67) has the Moon trine to Jupiter, sextile to Mercury and trine to Mars, which gives pretty close to a two-minute speed, and his athletic strength will sustain him at his best for a mile.

Pana Belle (68) has pretty close to a two-minute speed, but the conjunction of Saturn with the Moon would retard her speed about five seconds.

Ross B (69) has a remarkably good chart, he having a two minute speed, but Saturn being square to the Moon and Jupiter retarded his speed five seconds.

Oakdale (70) has better than a 2:05 speed.

Walter Direct (71) has all of the speed influences operating in his chart. Note the similarity between his chart and that of Alta Coast.

McClosky (72) has a chart whose influences are identical with that of Dudie Archdale (57), foaled five hours before McClosky. Dudie Archdale had the advantage in accelerating speed influences.

Aquill (73) had better than 2:05 speed but his muscular power of endurance was like that of John R. Gentry; he tired before he had gone a mile at his extreme speed.

Dazzle Patch (74) has all of the inherent speed influences active and strong in his chart. Jupiter trine to the Asc. is an accelerating influence that may achieve the hopes of his owner. The owners of Directum I, William and Dazzle Patch should arrange a race for these horses in the fall of 1915.

Kavalli (75) foaled about a day later than The Broncho, has pretty much the same chart as The Broncho, except that the Moon having moved forward and got beyond the influence of Uranus, Jupiter and Mercury; but the Moon and Mars occupied the Asc., which greatly accelerated the inherent speed. Of course the opposition of Mercury and Uranus would make him pace.

Direct Hal (76) had all of the inherent speed influences operating when he was foaled, and also had Mercury in opposition to Uranus, which made him go in the pace.

Bertini (77) has the Moon in Sagittarius trine to Jupiter which alone gives 2:05 speed, but the square between Mars and Saturn would hardly sustain him at his best for a mile. He has Jupiter in the fifth which indicates that he will make a great sire.

Don C (78) has a good chart, there being two trines and a square between the speed planets,

F. S. Whitney (79) has all five speed influences operating when he was foaled, but the square between Saturn and Mars and Jupiter doubtless retard his speed five seconds.

Apuin (80) has a rather peculiar chart in that all of the speed planets are within ninety degrees of each other, and in strong aspect. He must have had at least five seconds more speed than his record shows.

May Direct (81) has 2:00 speed, and if given the training and preparation she will race in two minutes.

Edna Hamlin (82) is another of the 1907 foals with a two-minute speed, but she has much of the Pat Ford nature and it is doubtful if her extreme speed can ever be utilized.

Belvasia (83) was foaled on the same day as Minnie Chimes (29), and has the same inherent speed influences.

Grattan Boy (84) has four inherent speed influences operating in his chart.

Arithmic Queen (85), another of the 1907 foals.

Bergen (86) is another 1907 foal.

The Aim (87) has all of the inherent speed influences operating in his chart, and will doubtless make a very fast horse.

Dick Sentinel (88) has a chart where inherent speed influences are much like that of Peggy Jim.

Pella (89) has the inherent speed of Peter Volo, and her chart is placed herein to show a chart where there is great speed, and also showing where a square has prevented performance. Mars being square to Jupiter and the Asc. has so far prevented her becoming a successful racing animal, but she will two or three years later, if given an opportunity.

Argot Boy (90) has all of the five speed planets strongly aspected in his chart.

Braden Direct (91) has Mars trine to Moon and Uranus in conjunction, showing a combination of three speed planets producing extreme speed.

Bingara (92) has a remarkable chart and it would be interesting to know why he was never raced. Saturn afflicts the Moon by a square, which likely indicated a misfortune to him in some manner.

U Forbes (93) has a chart unlike another in this book. Observe the sextiles, trines and oppositions between four of the speed planets; one would naturally expect speed from such a chart.

Alarich (94) has 2:05 speed as indicated in his chart, he having practically the same chart as **Minnie Chimes** (29) and **Belvasia** (83).

Lelia Patchen (95) has a triangle between Moon, Mercury and Uranus, and a square between Moon and Mars. Two-minute speed in this chart, but a little deficient in muscular power of endurance.

Trampright (96) has all of the inherent speed influences operating when he was foaled, and Mars trine with Jupiter indicates early speed.

Hazel Laing (97) is another of the good ones of 1907 foals.

Douglas McGregor (98) is another 1907 horse that is a good one.

Battle (99) has a great deal more speed than his record shows.

Bessie Bonehill (100) has Mercury in fifth, making her a great brood mare.

HOW TO SET UP A CHART.

There will doubtless be many of the readers of this booklet who will desire to set up a chart of some horse or colt and study it.. To such the following suggestions are made. First get an Ephemeris for the year in which the horse or colt was foaled. An Ephemeris is a small pamphlet giving the planets' places in the zodiac for every day during any particular year desired. Fredrick White, Crystal Bay, Minn., can furnish these at 35 cents a copy, or Raphael's Ephemeris is published by and can be had direct from W. Foulsham & Co., publishers, London, England. Then a "Table of Houses" is necessary and that prepared by Joseph G. Dalton, gives the "houses" for latitudes 22 degrees north to 56 degress north, and costs \$2.50 a copy. This can also be purchased of Fredrick White, Crystal Bay, Minn. With the Ephemeris and "Table of Houses" and the student is ready to begin. Take the ephemeris and turn to the day the colt was foaled and write down the month, day, year and hour. On the left page of the month the student will notice at the top of the first column the words "Sidereal Time." Write that time down. You now have the foaling time and the sidereal time both down. Now note this carefully: If the foaling time is before noon, find out the number of hours and minutes before noon the event occurred, and subtract this time from the sidereal time; if the latter is greater than the sidereal time, then add 24 hours to the sidereal time, and then the amount of time between the foaling time and noon can be subtracted. When this is done, then observe the result and turn to the same sidereal time in the "Table of Houses," and there at your latitude north you can locate the ascending degree of the zodiac, second and third, "houses," and the tenth, eleventh and twelfth "houses," which are to be located on the blank chart by pencil; and the remainder of the "houses" are located by placing

them opposite the first six. In case the foaling time is after the noon hour then add to the sidereal time for the day the amount of time elapsed from noon until the colt was foaled, which will give the correct sidereal time for the use of the "Table of Houses." The author of this column can furnish blank charts at one cent each in small quantities. With the above equipment and the student is ready to begin. Learn to set up the chart first, and the charts in this booklet will be of much assistance in learning how. When the chart is correctly made then apply the speed and gait rules of this booklet to your colt, and see what you have. When you can set up the chart and correctly judge it by the Rules you can tell more about the speed and gait of your colt than all the trainers and horsemen in the world can tell about it, who have looked at it and passed their judgment on it. The Rules herein correctly applied will tell you within five seconds of the inherent speed of your colt, and all the horsemen in the world cannot do that by looking at it, and from its parentage.

There is a little volume "Raphael's Key To Astrology" that the student should get as it contains much elementary matter on setting up a chart that will be very helpful indeed to those who desire to prove the Rules contained in this volume. That little volume can also be had of Fredrick White, Crystal Bay, Minn., and it costs only 50 cents.

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RULES FOR DETERMINING THE GAIT.

Rule 1. Jupiter and Mars control the trotting gait.

Rule 2. Uranus controls the pacing gait.

Rule 3. When the ruler of the Asc. is in strong aspect to Uranus the horse will pace.

Rule 4. When the ruler of the Asc. is in strong aspect to Jupiter the horse will trot.

Rule 5. When the ruler of the Asc. is not

in aspect to either Jupiter or Uranus, but, in strong aspect to Mars the horse will trot.

Rule 6. When the ruler of Asc. is in strong aspect to both Jupiter and Uranus the horse will be double gaited.

Rule 7. Where the ruler of Asc. does not aspect either Jupiter, Mars or Uranus, then the gait may be determined by which is the stronger planet, Jupiter or Uranus, in the chart; but in charts of this kind a novice would not be able to determine the gait.

Rule 8. When Mercury is in opposition to Uranus the horse will pace, provided the ruler of Asc. does not aspect Jupiter.

Rule 9. When Mercury is in opposition or other major aspect to Jupiter the horse will trot, provided the ruler of Asc. does not aspect Uranus.

Note this: Mercury is the strongest mental influence, but is convertable, and when strongly associated with Jupiter the horse's mind is trotting, and when Mercury is strongly associated with Uranus the horse's mind makes him go in the pace.

Comments On The Gait.

In determining the gait of a horse when the major aspects do not settle it, then the minor influences must be taken into consideration. In the chart of Directum I the major influences do not determine the gait, but on observing the ruler of the Ascendant, the Sun, being a square and a half distant from Uranus and Mercury not influenced by aspect with Jupiter, Uranus controls the gait by being in aspect to the ruler of Asc. The square and a half influence has about half the strength of a square, and, therefore, Directum I is not perfectly steady in his gait. Take the chart of Baden and it will be observed that the Moon and Mars being in conjunction in the third, which alone is a trotting influence, but Uranus, ruler of Asc. being in quincunx aspect to Jupiter alone would make him a trotter.

Irving Heart (2) has two trotting influences

operating, viz: The Moon semi-square to Jupiter and trine to Mars. Lulu Lumine (5) has Venus, the ruler, quintile to Jupiter in addition to the sextile between Jupiter and the Asc. Airdale (9) was very likely foaled at least eight minutes later when Saturn would be the ruler and Saturn being in opposition to Jupiter would make the trotter; though Uranus has no strength in the chart, and the pacing influence is nil. Pat Ford (19) has Saturn, the ruler, quincunx of Jupiter, and this aspect will control the gait; the author considers the quincunx to be as strong as a major aspect, and, therefore, is stronger than the semi-sextile of Saturn to Uranus. Ernest Axtell (34) has Mercury as ruler, instead of Venus, as stated under the Predominating Gait Influence, and Mercury being in close sextile aspect to Jupiter would make him a trotter. Under the rules it is very evident that Brighton B (35) was foaled at least forty minutes earlier when Jupiter was ruling, as the chart shows Saturn the ruler in strong aspect to Uranus, which would make a pacer. The chart of Lady Watneka (42) is not accurate, the influences being conflicting; the chances are she was foaled about an hour later which would make Mars the ruler, trine to Jupiter—Trotting. Binvola (49) was evidently foaled at least fifteen minutes before the time indicated in the chart, as the earlier time would make Venus ruler, in aspect to Jupiter. Alta Coast (53) has Mercury, the ruler, in conjunction with Mars and square to the Moon, which would alone make a trotter, and Jupiter and Uranus are in conjunction in Sagittarius, and entirely separated by aspects from the other speed planets, and this under some undiscovered rule made her pace. The time is evidently not correct in the chart of Dudie Archdale (57), though Saturn is within quintile aspect of Jupiter but sextile to Uranus. If the time is correct one could hardly tell whether she would pace or trot, though the opposition of Mars and Moon to Jupiter is a strong trotting influence. Electric

Patch (58) has the pacing influence strong, though doubtless the trine of Mercury to Jupiter assists in making a trotter of him. Virginia Lou (59) has a gaited chart very much like Alta Coast (53) and while Mars is trine to Mercury and opposition to Moon, which indicates a trotter, still Jupiter and Uranus are in conjunction, which may cause her to want to pace later in life. Nowaday Girl (66) has a chart where Jupiter has the predominating influence by position and aspect, and Ross B (69) is another chart of the same kind, and McClosky (72) is another. Aquill (73) must have been foaled a little earlier so that Venus was ruling at the time, and Venus would rule the gait by being in conjunction with Jupiter. Arithmic Queen (85) was doubtless foaled thirty-minutes later when Mercury was ruling. Pella (89) is a trotter under the rules, but when Uranus by transit went into conjunction with Mars, the ruler, she was overcome temporarily, with the pacing influence, but she will go back to the trot when she is four or five years old. The writer merely guessed at the hour Bingara was foaled. The asterisk (*) is placed at the hour when the time is not approximately correct. Hazel Laing (97) has a chart where the trotting influence predominates through aspects of the planets; Uranus being almost nil in the chart; and likewise the chart of Douglas McGregor (98), and the pacing influence is weak in Battle's chart (99). Bessie Bonehill (100) has a difficult chart to judge her gait from, though evidently Uranus in the tenth was the predominating gait influence.

Muscular Power of Endurance is denoted when Mars and Saturn are in sextile or trine aspect, and when favorably aspected by the Sun, Moon, Jupiter and Uranus the muscular power is increased, but squares and oppositions are more or less weakening or destructive.

THE MOON CONTROLS THE SEX AND FOALING TIME.

Stranger than the Rules for determining the speed and the Rules for determining the gait, are the Rules for determining the sex and foaling time. Fortunately for these Rules, they can be proven by anyone who is accurate in making mathematical calculations, and who will follow the Rules herein given.

Why do the tides follow the moon? Why do whirlwinds turn one way north of the equator, and the reverse direction south of the equator? Why will grass die beneath a plank placed on the grass when the moon is decreasing in light, and live beneath a plank if placed on the grass when the Moon is increasing in light? Why does every normal female ovulate and throw off and ovum under the Moon's influence? The normal mare in the breeding season will ovulate every three-quarters of a moon; 21 days. Every normal and healthy woman will ovulate every moon, and usually when the Moon enters the fifth mundane division of her chart. Why is the gestative period controlled by the Moon? A mare goes twelve moons, a cow goes ten moons, and so does a woman, goats and sheep five moons, sows four moons, bitch two and a quarter moons, turkey, duck, peafowl and goose eggs one moon, chicken eggs require three-quarters of a moon; all subject, however, to the Rules for controlling the foaling or birth time. Why is the offspring a male when conception takes place with the Moon oriental, and a female when conception takes place with the Moon occidental? Why do all vines grow around the twig, or support, in the same direction? and, if man wraps a growing vine in the wrong direction around a support, why will the vine proceed to unwrap itself from the wrong direction and then wind itself around in the right direction? Theorists can theorize on these

matters, but the FACTS are what have interested the writer.

The foaling or birth time may be likened unto an alarm clock; Conception representing the winding and setting of the alarm, and as the hour and minute hands go their orbits they finally come to the point where the "trigger" starts the alarm to going; likewise when conception takes place the Moon is in a certain degree of the zodiac, and is either oriental or occidental, and certain degrees are on the eastern or western horizons. Natural laws take care of the revolutions of the Moon and solar system, and when they have completed the required number of circles the "alarm" goes off and the foal appears. The foaling time may also be likened unto the time lock on the bank vault.

The sex of every animal and human being is controlled by the Moon and when the moment of conception is known, the sex can be known and the moment of foaling can be known. When the moment of birth is known, then the moment of conception can be determined, and this determined then the location of the Moon, as to its oriental or occidental positions at the time of conception can be known, and this determined then the sex can be determined. Note carefully the following Rules:

Rule 1. When conception takes place with the Moon oriental, below the horizon and decreasing in light, or oriental and above the horizon and increasing light, the offspring will be a male; the period of gestation will be more than twelve moons, and the descending degree at the moment of conception will be occupied by the Moon at the moment of birth.

Rule 2. When conception takes place with the Moon oriental, below the horizon and increasing in light, or oriental, above the horizon and decreasing in light, the offspring will be a male; the period of gestation will be less than twelve moons, and the ascending degree at the moment of con-

ception will be occupied be the Moon at the moment of birth.

Rule 3. When conception takes place with the Moon occidental, below the earth and decreasing in light, or occidental, above the earth and increasing in light, the offspring will be a female; the period of gestation will be more than twelve moons, and the descending degree of the zodiac at the moment of conception will be occupied by the Moon at the moment of birth.

Rule 4. When conception takes place with the Moon occidental, below the earth and increasing in light, or occidental, above the earth and decreasing in light, the offspring will be a female; the period of gestation will be less than twelve moons, and the ascending degree of the zodiac at the moment of conception will be occupied by the Moon at the moment of birth.

Sephariel formulated a set of rules for determining the moment of conception when the birth time is known, but the author has found them to be only half correct; or rather correct half of the time. They are reproduced here as published in Coulson Turnbull's "Divine Language Of Celestial Correspondences." The data necessary to prove these rules in the human family is too meagre. When the author began getting the time when mares were bred, and applied these rules they would not work out correct in more than half the cases. But they are reproduced here to be used by students for what the rules are worth.

1. When the Moon at birth is increasing in light and above the horizon the moment of conception is less than ten lunar months.

2. When the Moon at birth is decreasing in light and below the horizon the moment of conception is less than ten lunar months.

3. When the Moon at birth is increasing in light and below the horizon, the moment of conception is more than ten lunar months.

4. When the Moon at birth is decreasing in

light and above the horizon, the moment of conception is more than ten lunar months.

In order that the reader may better understand what actually takes place at the moment of conception he is requested to make two drawings. Take a pencil and make a circle four inches in diameter; then draw another circle one inch in diameter within the larger circle so that the smaller circle will lack about one-sixteenth of an inch of coming to the outer edge of the larger circle at the top. At the nearest point of contact erase both circles for one-sixteenth of an inch, and connect the two circles by two straight lines one-sixteenth of an inch apart. Then begin at the outer edges of this opening and make two converging lines down to the center of the inner circle line, making a V shape entrance to the smaller circle. Then on the inside of the one-inch circle make twelve small semi-circles, and on the inside of each of these small semi-circles make a tiny circle and in each of these tiny circles place a black dot. The large circle represents the after-birth of the ovum, which develops the after-birth of the foal if the ovum is impregnated; and the one-inch circle represents the ovum; the semi-circles within the one-inch circle represents the female cell, corresponding in size etc. to the male cell. The actual shape of the ovum is almost identical with that of the uterus. Now make a straight line one inch long; at one end draw a hen's egg-shape circle and within this circle make a tiny circle and within this tiny circle place a black dot. This represents the spermatozoon, or male cell. At a service of a virile stallion in the breeding season he will discharge forty or fifty millions of these spermatazoa. Each ovulation or heat period of a mare is thrown off one ovum, represented by the first drawing. When the ovum bursts through the ovary the mare comes in heat and she remains in heat until the ovum wends its way down the uterine duct, or fallopian tubes, to the uterus, and when the ovum

enters the uterus the mare goes out of heat and will no longer take the horse. It takes about twelve days for the ovum to pass from the mare, during which time she may conceive. When the mare is in heat the os uteri, or neck of the womb, will dilate (if she is normal) when she is bred, and the horse will discharge the spermatazoa into the uterus and there it will await the arrival of the ovum. When the ovum enters there are forty millions of spermatazoa trying to get unto it, and when one does enter through the os ovuli, the aperture, as indicated in your drawing, it closes in on the spermatazoon and bites off its tail, and it appears then much like the tadpole in dropping its tail in forming a frog. This head, or male cell, enters the ovum proper and comes into contact and merges with, or amalgamates with, one of the female cells, and that constitutes conception—the beginning of life. True the ovum and spermatazoon were individual living entities before amalgamation, but to trace these farther back would confuse the mind of the reader. The first drawing represents the ovum highly magnified. The actual size of the whole thing mashed between the thumb and finger would make a moist place about the size of the nail of the little finger. The second drawing represents the spermatazoon magnified about a thousand times. If per chance there are two spermatazoa enter the ovum then unovula twins will be the result, and these will be of the same sex for conception of both are at the same time. If there is double ovulation and the mare throws off two ova and both enter the uterus and both are fertilized, then there will be binovula twins, with two afterbirths, and they may be of different sex, owing to the fact that conception may be several hours apart. Following the process further: the sac surrounding the ovum is filled with protoplasm, which is food for the amalgamated cell to feed upon, and pretty soon after amalgamation the process of cell-multiplication begins and this amalgamated cell divides into two

cells; and at this point the strangest thing in all nature takes place; the location of the Moon, as to its being oriental or occidental will determine the sex.

Science has discovered that an even number of chromosomes develop a female and an odd number produce a male. To illustrate; we will say that in the original female cell there are eighteen chromosomes; and in the original male cell there are seventeen chromosomes. When these two cells come together conception takes place and the merging or amalgamation of the two cells make one large embryonic cell of thirty-five chromosomes. When complete amalgamation and pairing of these male and female chromosomes, idis and idants, or biophores, as one may choose to call them, has taken place then the first cellular division occurs and the first process of growth produces two cells again; one cell having eighteen chromosomes and the other seventeen chromosomes, and at this stage the location of the Moon will determine which cell will die. If the Moon be oriental at the time the even-numbered cell will die, leaving the male cell to develop, and if the Moon be occidental, the odd-numbered chromosome cell will die, leaving the female to develop. Exactly at this moment the birth "alarm" is set and it can be calculated to the minute when birth will take place. When birth does take place the birth ascendant or descendant will occupy the place of the Moon in the zodiac at the moment of conception, and the Moon at birth will occupy either the ascendant or descendant at the moment conception took place.

Some stallion owners claim to have attained some satisfactory results by breeding when the Moon is in certain locations for males or females, as desired. The time the mare is bred does not determine when conception will take place. The writer has found one colt from the Allen Farm, Pittsfield, Mass., where conception did not take place until sixteen days after the mare was bred,

and there were thirteen moons from breeding until foaling, and yet he found another at the same farm where the mare was bred on a certain day, and conception took place next morning about three o'clock, and the mare was bred again next day. So, under the light of these rules, the claim of some stallion owners to the effect that breeding at certain times of the day, or when the Moon is in certain locations, have no potency in fact. The best the stallion can do is to place the spermatazoa in the uterus where it awaits the arrival of the ovum.

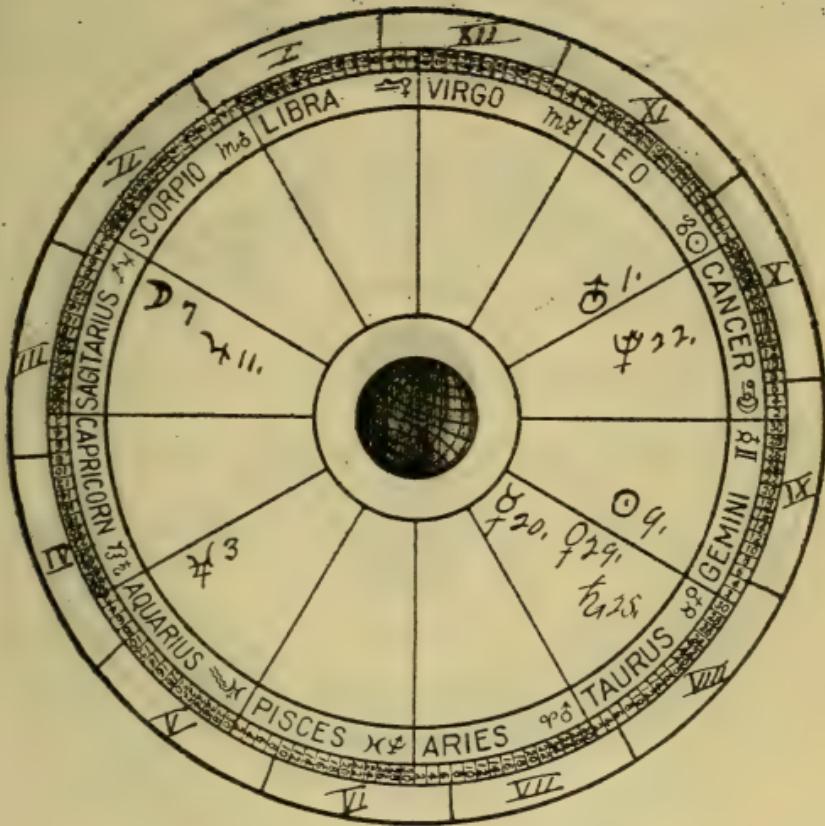
Controlling the Sex will become an accomplished fact in time. The writer desires the co-operation of a large number of breeders in making experiments who will keep correct data and follow certain instructions. It is very doubtful if it will ever be possible to control the sex with the natural service, but artificial breeding offers much hope. Whenever conception can be made to take place within six hours of the time desired then the sex can be controlled; but it is doubtful if conception ever took place within six hours of the natural service of the stallion. The author would like to have one thousand mares artificially bred as follows: 100 mares the day after they have gone out of heat; 100 two days after they have gone out of heat, and so on, 100 a day, until 100 mares are bred ten days after going out of heat. This should be done when the Moon is just entering the Oriental or Occidental positions. The oriental positions are from the eastern horizon to the midheaven, and the opposite quarter of the circle; and the occidental positions are from the midheaven to the western horizon and the opposite quarter of the circle. The hour and minute of breeding should be recorded, and approximately twelve moons later when the colt is foaled the exact minute of foaling and the kind of sex should be recorded; and all this data furnished the author, and he can then very likely formulate a set of rules by which to breed to produce the sex desired.

When conception can be produced within six hours as desired, then conception can be controlled, and when conception can be controlled then the foaling time can be controlled, and when this can be done then the day can be selected for the colt to be foaled. This will be some time in the future. If success cannot be obtained in this way, then a process will be evolved for procuring the ovum when it leaves the uterus and this will be placed in the capsule filled with spermatazoa and all inserted in the uterus. This will finally be done anyway, and barren mares and mare mules will be made to breed and raise colts and the ova from valuable mares will be for sale, and they will be used for furnishing the ova instead of breeding purposes. But this will be some time in the future. Burbanks took up creation in the vegetable kingdom where the Lord left off, and man will do the same thing amongst the animal kingdom ere long.

However, the one thousand mares will be bred to produce one sex. Those who will co-operate are requested to notify the author to that effect and get full instructions. Send stamped envelope for reply.

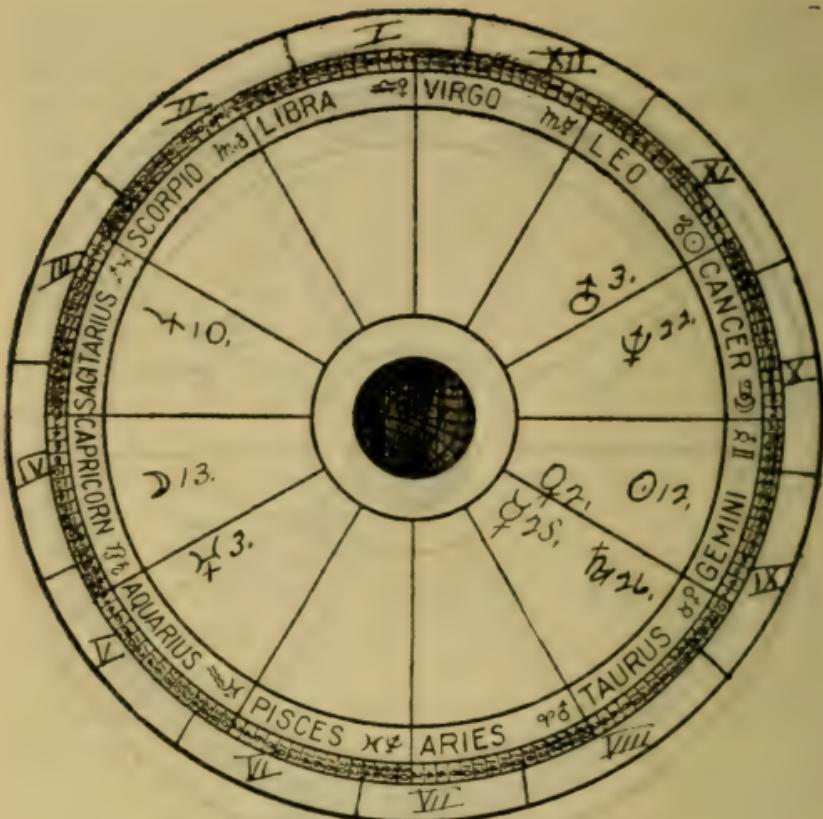
The author would like the foaling time of all gray and roan horses. He has noticed an association between the Moon and Saturn in numbers of charts which have led him to believe that the color of horses can also be determined. Princess Welcome (23) was foaled a chestnut, shed off a strawberry roan, then faded to a dirty gray and is now white. While rules for determining the color would be of no value, yet the investigation will be interesting.





No. 101

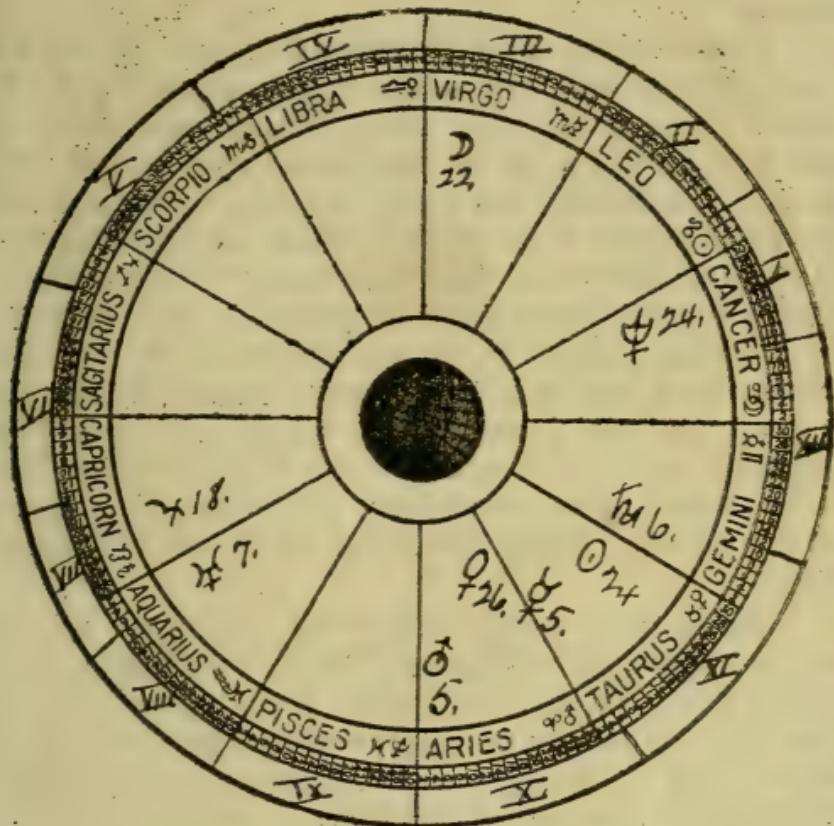
DOLLY DUNN (34 years old)) was bred to Clay Gentry 5/30/1912/2:00 p. m. This chart shows the planetary positions at the time she was bred, and there are many stallion owners and others who have theories about the time the service is had as being influential in determining the sex. The reader should follow the rules herein for determining the sex, and when once understood the utter worthlessness of such theory or belief will show up immediately. This chart shows the Moon was only two degrees off from being full, and was below the eastern horizon, when the mare was bred and it has no significance further than that conception was made possible by the mare being bred at this time.



No. 102

DOLLY DUNN-CLAY GENTRY foal was conceived 6/2/1912/00:45 p. m. Chart 101 is for the hour the mare was bred; chart 102 is for the moment of conception and chart 103 is for the moment the colt was foaled. Of course, the moment of conception is determined by mathematical induction; there being no other way by which that fact can be ascertained. It is so difficult to get exact data as to time that it has required thousands of hours of study and making calculations in working out these rules and formulating them into a usable system. Mr. Wm. Russell Allen of Pittsfield, Mass., President of the American Trotting Registry Association, furnished the author with the data of the breeding of the dams and the foaling time of the resulting colts of about 115, which data has been of great value. All breeders should record the day the mare is

bred, and make a record of the exact minute (Sun Time) the colt is foaled and then correct data is available.



No. 103

DUNN GENTRY b c foaled 5/15/1913/8:24 a. m. (Sun Time) 35 degrees north latitude and 93 degrees west longitude. The chart is just a little inaccurate as the 27th degree of Pisces occupies the tenth and the 27th degree of Virgo occupies the fourth mundane division. The error crept into the chart through a mistake in using the "table of houses" for 30 degrees north latitude instead of 35 degrees for the Asc., but this fact is immaterial for the purpose the chart is placed herein. These charts illustrate Rule 1 for determining the sex and foaling time. At the moment of conception the Moon occupied the 14th degree of Capricorn, which was the descending

degree of the zodiac when he colt was foaled; and when conception took place the 22nd degree of Virgo was rising, and this degree of the zodiac was occupied by the Moon when the colt was foaled.

The student who desires to follow up the investigations and prove the Rules should get the exact foaling minute (Sun time) and then get the day or days when the mare was bred; then an ephemeris for the year she was bred and turn to the day she was bred. First set the chart for the exact time the colt was foaled. Note the ascending and descending degrees of the zodiac of the foaling chart; Note the location of the Moon when the mare was bred; note whether the time is more or less than twelve lunar months; note whether male or female; note whether the Moon is to occupy the ascending or descending degree of the zodiac; place the Moon in the chart accordingly.

When you have found the degree on the eastern horizon at foaling time, you can rest assured that when conception took place that degree or the opposite degree was occupied by the Moon, and that fact can be determined by finding whether the gestative period was more or less than twelve lunar months, according to the oriental and occidental positions and whether increasing or decreasing in light. When the chart for the foaling time is set up, note the ascending and descending degrees of the zodiac and the location of the Moon. When conception took place the Moon at that time occupied either the ascending or descending degree of the birth chart, and the location of the Moon in the birth chart was either the ascending or descending degree when conception took place. Set the chart according to the rules, and then note the location of the Moon as to whether oriental or occidental, and as located so will the sex be—oriental producing the male, and occidental producing the female.

This booklet contains the "chaff" as it were

of the FACTS that the author has gathered during the past fourteen years of study and investigation. He has data collected for two volumes. One of these will be entitled "The Aquarian Age" and the other "Ancient Astrology Modernized and Simplified." If the contents of this little volume is surprising or astonishing to the reader, he should remember that the human race began feeling the force of the Aquarian influence some sixty years ago, and now since the whole solar system has entered the sign Aquarius the human mind will discover every natural and celestial influence that operates in the universe. Nothing clouds men's minds like ignorance. Scientific discoveries and inventions within the next one or two hundred years will be far beyond the contemplations of the brightest minds of today.

The author will appreciate the foaling time and a history of every horse of merit, and even those horses that have been well bred and have had chances to make good but failed, would be of interest, and very likely of value in this line of investigations, and anyone who will write such histories as that of John R. Gentry and Pat Ford published herein will confer a favor on the author. The greatest trouble the author has had to contend with has been in getting the exact foaling time. That is the one all-important fact, and without that fact, the Rules herein are worthless. The Sun Time, and not Standard Time, is the correct time, and unless sun time is used charts will be full of errors. When furnishing the author with foaling data give the latitude north and longitude west and the standard time, if the sun time is not known, and from this data the sun time can be ascertained. He especially desires the foaling data of every 2:10 trotter or pacer.



JOHN R. GENTRY (p) 2:00½

(By Jas. F. Ramey.)

John R. Gentry 2:00½ was a bay horse foaled April 20th, 1889, at nine o'clock in the evening; the property of the late H. G. Toler of Wichita, Kansas. I went to work for Mr. Toler in January, 1889, as driver and superintendent of his farm, so was there when the great Gentry was foaled. We had a large foaling stall next to the office where I slept, with a large window in partition, and I heard Dame Wood and went into the stall when the colt was foaled. He was the weakest colt I ever saw, and I told the boy with me that the colt might be dead in an hour, and still he might turn out to be the greatest horse in the world, and we would stay with him. The colt was not able to stand alone until about nine o'clock next morning when he began to improve. The colt and his dam were turned into a large paddock close to the barn, and stabled at night. We had to go through the paddock to our meals, and could never go through without having a play with the colt; he was a great pet. He was a weak, delicate colt for several months, but by fall he was fat and strong. I campaigned the Toler horses that season, and when I arrived home in October it was time to wean the colts. Mr. Toler came out to the barn after we had all of the colts in except Gentry. Mr. Toler and I went out after him and I caught him and was leading him to the barn when I asked Mr. Toler what he would take for the colt. He said that he would sell him to me for \$500, and I told him that I would take him at that price. I had made arrangements to work for Mr. John R. Gentry the following year, commencing November 1st. I told Mr. Toler my arrangements and it was all right with him; his son took my place on the farm. I left Wichita on November 1st, 1889,

with my colt and was met at Sedalia next morning by a man with two saddle horses from the Gentry farm. The colt was turned into a paddock and given all he could eat. When Mr. Gentry first saw the colt he liked him, but said he was too little. About two weeks after I arrived one day I noticed Mr. Gentry down in the paddock with his coat turned over his head scaring the colt to see him trot. That night I was in Mr. Gentry's room talking to him and he remarked to me that I was so badly beat in my trade that he would like to help me out by buying a half interest in the colt. I sold him a half interest for half what I was out on him. I was glad to sell a half interest in the colt as I felt that would insure me a longer job with Mr. Gentry; and so it did, for I stayed with him twelve years. I broke the colt in the fall after he was one year old. He was no trouble to break. All I had to do was to show the colt what I wanted him to do and he would do it. I worked him as a two-year-old at the trot, as he had never shown any signs of being a pacer. I worked him all summer until I started to the races in the fall with the other horses. The colt tried hard to trot, but could never do better than a three-minute speed. I became very much disheartened with him. When coming three I began working him again and it was the same old thing; he could not trot faster than I could roll a barrel of salt. I worked him until about the middle of April, and the same thing, with all of my patience gone. If we had not named him John R. Gentry, after one of the best men that ever lived, he would have been kicked out. I told his care-taker, which was an old negro, that if the colt did not show me some speed that morning that I was going to pull his shoes off and kick him into the pasture and never give him another chance. The old negro said: "Boss, I hopes you will give him a powerful try-out this morning for I shore do ~~like~~ that little horse." I took the colt out

and warmed him up and then turned him for a fast mile, but it was the same old thing; he just simply could not trot. My patience was gone; I was disheartened with him; I had lost hopes for him; I was disgusted. I became desperate and thought perhaps he was a runner and I lit into him with the whip, and as he had never before been hit with the whip he was very much frightened and sure enough in a few seconds he was running away with me. By a straight pull I could not stop him, then I commenced to see-saw his bits when he struck the pacing stroke and I let him go and he stepped a quarter of a mile in about 35 seconds. That was a surprise to me. The next morning I put the hopples on him and worked him a few times in them just as slow as he would go in the pace, then I discarded them, and worked him slow in the pace for two weeks. From then on he improved very fast in the pace and never wanted to make a break. The fair at Higginsville was to come off the first week in August and we entered him in the 2:40 pace and also in the 2:30 at St. Josephs, and Holton, Kansas. At St. Josephs I was a little nervous over Gentry as he had never been in a field of horses and I did not know how he would act. I had him warmed up and ready for the word. I drew third position and he scored like an old timer. When the word was given he immediately went to the inside and I could have distanced the field. He won in straight heats, the fastest being 2:41 $\frac{1}{2}$. This race pleased him and gave him a great deal of confidence in himself. The next week at Holton I found quite a field of horses entered in the race. I did not know how fast Gentry could go; he had plenty of slow work but no fast work. The Holton track was kight-shaped and as hard as iron. I took him to the blacksmith and had leather pads made to cover his whole feet then filled them with sponges in order to take the jarring from his feet. I had him warmed up and ready for the word and I told Mr. Gentry that it

would be straight heats again. I drew eighth position, which put me on the outside, and when the word was given I was a length in the lead and Gentry at once went to the inside and went like a bird a-flying. He was doing his own driving. I was afraid to interfere with him as I thought he might make a break, if interfered with, and he had never made a break. He went down to the half in 1:06, and the field was shut out; I talked him down and he finished in a jog with all the others inside the flag. Mr. Gentry was the first man I met after I dismounted. I asked him how fast the heat, and he showed me his watch, 2:15. I laughed at him and would not believe it until it was called from the stand. He won the next two heats doing his own driving. The next week he won at St. Josephs in the same style, and the week following he was in a three-year-old stake at Mexico where he distanced the field and got all the stake money. The next week I showed him at the old St. Louis fair and took three blue ribbons with him. I never saw a horse make such a show as Gentry did at St. Louis. Mr. Gentry thought the colt would beat any living horse and was very proud of him. From St. Louis Gentry was shipped home with the other horses and turned in a blue grass paddock. In the spring of 1893 he was four years old and we had arranged to breed him to 45 mares at \$100 each and not race him that year, but he was jogged every day, except Sunday, eight and ten miles a day. From the 45 mares came the following spring 40 colts. February, 1894, found me jogging him every day as we had decided to try our luck with him on the grand circuit. I knew what it took to win down there; it takes both speed and form down the big line, and I felt quite equal to the requirements. I layed everything else aside and devoted my whole time to Gentry and two others. I remained at home until May 1st, when I shipped to Terre Haute, Indiana, the greatest place in the world to get

a horse in readiness for racing. A few days after I arrived there I met Mr. Orrin Hikok of California, who was considered at that time the best horse conditioner in America. He took stalls next to me, and one day I saw him sitting in front of his stable and he said to me: "Ramey, you have three very fast horses here." I told him I thought they were pretty good for the chance they had had. I told him I was a farmer and didn't know anything about training horses, and told him that if he saw me doing anything that ought not to be done to tell me about it as I considered him the greatest trainer living and I did not want to do anything to injure my horses. It pleased him very much and he said that he would help me, if I needed any. He had Directum 2:06, and I always repeated Gentry with Directum. I trained there until June when I shipped to Cleveland, Ohio. There was a great bunch of horses there, and the first time I repeated Gentry there was quite a little talk about what a great horse he was. I did not like to hear that kind of talk so I told a friend of mine on the quiet that I wanted to sell Gentry; that the horse could go fast for a short distance and then he was done; but to tell no one about it. I think within two days he had told everyone on the track; just the thing I wanted him to do. I was thinking of the pool box at Detroit. Just one week before the race at Detroit I worked him six heats for the public; first four slow heats; then I said the next heat is for the public. I scored him down fast a few times to let him know what I wanted him to do. All the horsemen had their watches on him. He went to the half in just one minute; I had my watch in my hand and I said here is where I make my killing. I talked Gentry down and made the third quarter in 35 seconds, and the last quarter in 40 seconds. I drove to the barn and here came the crowd, wanting to know what was wrong with Gentry. It was really amusing to hear them express their opinions. I did not say anything, on-

ly that I was not going to Detroit with him. The boys shipped by boat on Friday. I shipped on Saturday and landed in Detroit on Sunday. The boys were very much surprised to see me, and all I could hear from the boys, what a dog Gentry was. In the meantime I had written Mr. Gentry to be sure and be in Detroit and bring a few thousand with him. The night before the race they sold pools down at the Cadillac Hotel. There were twelve horses to start the next day, and they were sold down the line; every horse for so much money; Mr. Gentry taking every pool on John R. Gentry, buying him for five dollars in from four to five hundred dollars in every pool. The next day I drew tenth position which put me third in second tier of horses behind. In the fourth score down the horse in front of me made a break and Gentry stepped around and took his place and when the word was given I held third position and Gentry going a two-minute speed. The starter did not notice Gentry's position. In a few strides Gentry took the inside position, and no horse got nearer than four or five lengths. I never won an easier race. I wish you could have seen the wise ones when the dust cleared away; the Missouri farmers had all the money. That evening the pool seller took his box to our room and paid us a little over fifteen thousand dollars. That was made by not talking too much. A few days later I shipped to Buffalo, N. Y., where Myron McHenry came to me and asked me if I would sell Gentry. He told me that he wanted to drive him an eighth and if Gentry suited him he would pay me \$10,000 for him. I told him that I would have to talk with Mr. Gentry about it and it all depended on what Mr. Gentry said. Mr. Gentry said as we had two full brothers and two full sisters to Gentry that I could do as I thought best about selling him. The next morning I let McHenry drive Gentry and told him how to drive him. In the mile he drove Gentry the last eighth in 13 seconds. He told me that he

would take him for two Eastern men. Gentry was entered there, and that was the first time that Joe Patchen and John R. Gentry ever met on the track. McHenry was behind Gentry; the first time any horse ever beat Gentry a heat. I went over to where they were cooling him out, and his heart was broken. I had raced him two years, and never lost a heat with him. If the track had been hard the result would have been different then. I regretted very much to part with him, but I was not in shape to own such a horse. He was considered the handsomest harness horse in the world.

JAS. F. RAMEY.

PAT FORD

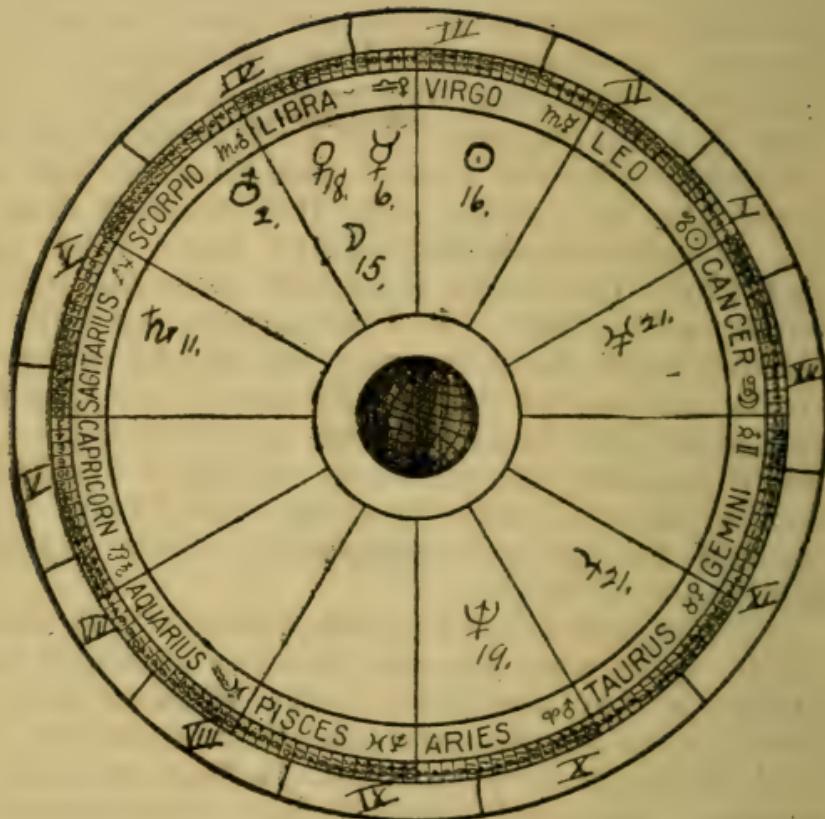
"Your letter to Mr. N. M. Hubbard regarding the trotter Pat Ford has been handed me to answer.

"Pat Ford, chestnut gelding, $15\frac{1}{2}$ hands high, one or two white feet, was foaled the 3rd of May, 1893, about midnight, the property of the late Judge Hubbard of this city (Cedar Rapids, Iowa). He was by Blitzen, by Belmont; his dam Bay Leaf, by Princeps. Judge Hubbard gave him to Marvin Hewitt, Jr., Traffic Manager of the Chicago Northwestern Ry. when the horse was about five years old. Pat Ford was broken by a little old Irishman then working for Judge Hubbard, Pat Ford and was named after this Irishman. The horse learned when he was two years old that he could run away with the old man any time he wanted to and did so. Thus he became an outlaw before he was five years old. Mr. Hewitt undertook to drive him and Pat continued to run away. When he was seven years old I had a mare and Mr. Hewitt had a full sister to her and wanted to get the two together. He wrote me, wanting to know how I would trade my three-year old mare for Pat Ford. I knew all about Pat and wrote him that I did not want him. Mr.

Hewitt wrote back that he did not want him either. I told Mr. Hewitt that I would trade him my mare for Pat if he would pay me \$600 to boot and change the horses without expense to me. We traded on these terms. Pat did not cost me a dollar and I did not suppose he was worth a dollar. He was, and always had been fast, but no one could utilize his speed for racing purposes. I advertised him for sale saying that he was a runaway. Nobody wanted him. Mr. Charles W. Kenyon of this city was then training for me and had the horse in charge. He made love to him; fed him sugar, etc., and let him run away any time he wanted to. Pat liked this and he and Charlie became great friends. Gradually Charley gained control over him and raced him for money from the Missouri river to the Atlantic ocean, during the years 1903, 1904 and 1905; the horse gradually behaved himself better and better. If I remember correctly he started in 38 races for me; was in the money 35 times and had 20 firsts. He took a trotting race record of 2:10 in the fourth heat and earned me about \$15,000; 50 per cent. of which I paid out for expenses. I then sold him for \$3,500, so he cleaned me up, net, something over \$10,000. Some trotter this.

"The last I knew of him, which was two or three years ago, he was trotting the soft sand tracks of the southern states winters, and the hard tracks of the northern states summers, and still winning, although not so fast as once, of course. His whole life has been a succession of battles. He neither gave nor asked quarter. He was always ready and always dangerous. If he is dead, peace to his ashes; if he is not, I hope he is comfortable." "Yours truly,
"CEW-EM." "C. E. WHEELER."

(NOTE—the Harness Racing Guide for 1914 shows that Pat Ford raced at Utica, N. Y. on July 4th, winning the free-for-all, and at Coppers-town, N. Y. on September 23, he again won the free-for-all.)



No. 104

Planetary Chart of the Author

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The author desires the foaling time of every standard bred colt foaled during the year 1915. He will set up the charts free of cost to the owner of this volume, of every colt he owns and the exact foaling time of which is furnished. If the complete data cannot be furnished do not send any. The author wants to select the 100 fastest colts foaled in 1915, and the owners of such colts will be notified of the author's selection about January, 1916.

The owner of this volume not having any colts foaled during the year 1915 may have the chart set up by the author without cost of any colt or horse he may own that was foaled any other year, by filling in the blanks below and sending the page with a stamped envelope for return. Only one such chart, however, goes with each volume.

Name of Horse-----

Color----- Sex----- Record----- Reg. No.-----

Foaled----- Month----- Date-----

Year----- Hour----- Sun time----- M.-----

Bred by-----

P. O.----- State-----

Foaled lat.----- deg. north, lon.----- deg. west-----

Year----- hour----- M.-----

Dam was bred----- month----- Date-----

Sire----- Dam of sire-----

Dam----- Sired by-----

(Signed) Name-----

P. O.----- State-----

R. F. D. No.----- P. O. Box----- Street No.-----

Those who will co-operate with the author in making experiments in breeding for the purpose of producing the sex desired will so indicate by filling in the blank following and sign.

The undersigned hereby agrees to co-operate with the author in making experiments with a view to producing the sex desired by breeding-----mares and following such instructions as may be furnished by the author.

(Signed)-----

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